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JOHNSON & MUSSER

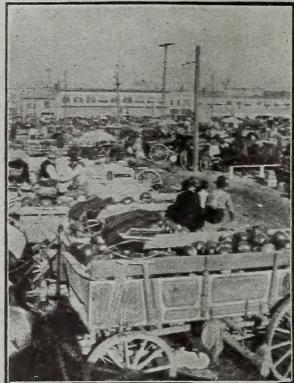
SEED CO.

LOS ANGELES, CALIFORNIA.

1907



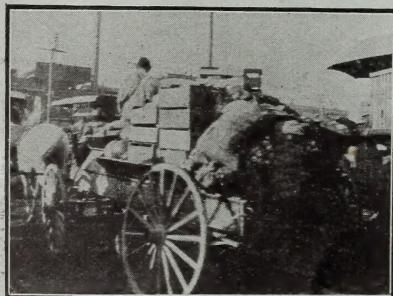
# ..The.. Los Angeles Market



Our Seed House is so intimately associated with the Market and Market gardeners that we have devoted several pages of this catalogue to a portrayal of scenes and activity at the market during the early morning hours.

The picture on the cover of this book is a view of the market at six o'clock A. M. and would indicate that some business is being done.

At nine o'clock the scene has changed; a line of electric cars are waiting to be loaded with produce of every description to be distributed to suburban towns. Again in the afternoon these cars return laden with all kinds of seasonable fruit and vegetables, picked up at every



cross roads. Your commission men with a hundred wagons await the arrival of these cars and it is a busy hour unloading them. There is an average daily attendance of nearly three hundred gardeners' wagons carrying \$5,000 worth of produce, and as much more is daily shipped in on the cars, making an estimate that \$10,000 worth daily changes hands on this market.

Besides the three hundred wagons selling produce are 1,000 wagons buying it. The buyers are the vegetable and fruit venders, the produce dealers, the grocers, the restaurants, the boarding houses, the hotels, the canners, the bakers and the shippers.



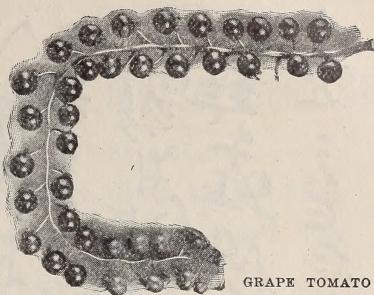
Busy Scenes  
at 5 a. m.



# FREE

We will mail you a 25-cent package of our "CURIOUS GRAPE TOMATO" seeds if you will kindly send

us the names and addresses  
R. F. D. if any, of your friends  
interested in gardening. Write  
names below and tear out  
this page and mail to us.



### GRAPE TOMATO

## SEEDS TO BE SENT TO

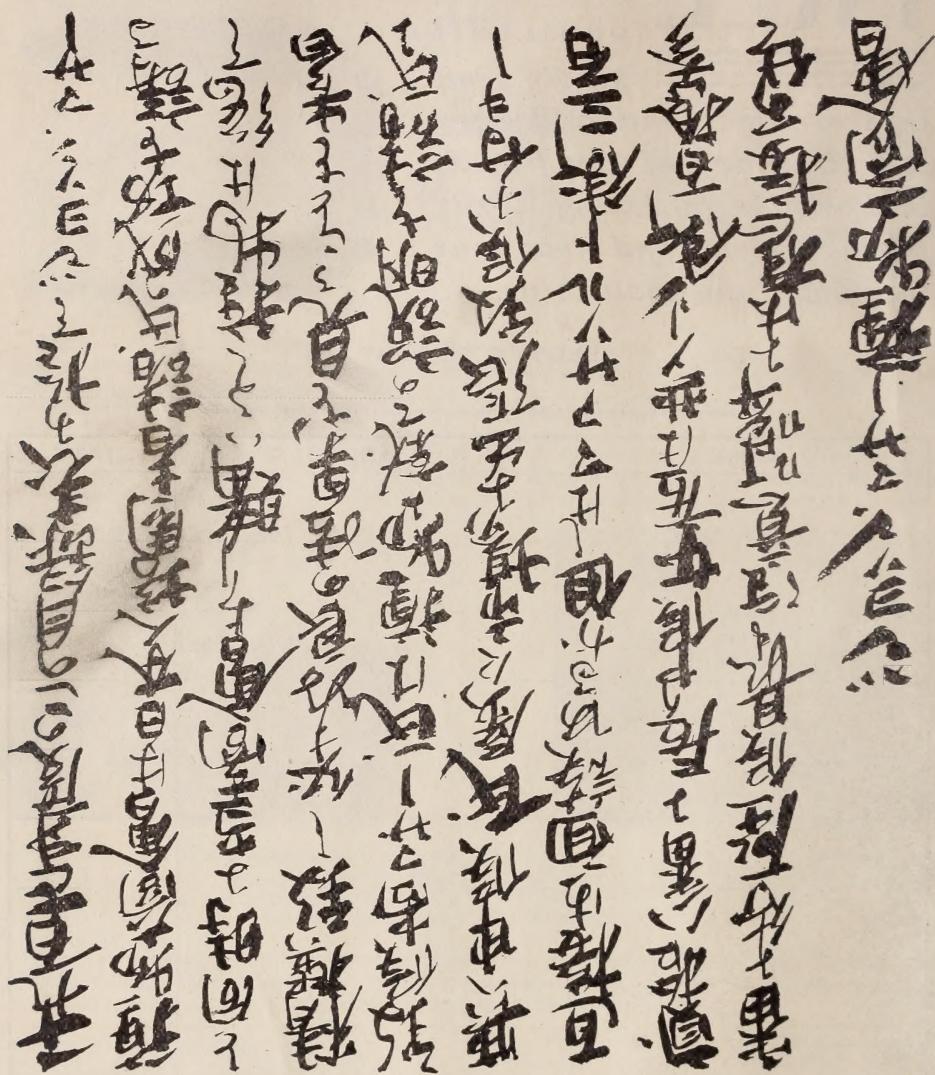
SIGN YOUR NAME AND ADDRESS ON ABOVE LINE, WRITE PLAINLY

*We desire to send a copy of our Seed Catalog to your friends, and ask you to send us the above list filled out as quickly as possible. Do it to-day. Don't delay.*

# JOHNSON & MUSSER SEED CO.

113 NORTH MAIN ST.

## LOS ANGELES, CAL.



All Japanese gardeners buy our seed, and have grown wealthy by the success of their crops. Good seed is the first essential to success.

Our seeds are the best because we always give the right kind for the right season. They always grow because we are constantly testing them. They are the best that can be secured in all the world, because we always buy the best; cost is no consideration.



H. L. MUSSER  
President

E. A. AGGELER  
Vice-President

WM. EARLY  
Secretary-Treasurer

## Johnson & Musser Seed Co.

RELIABLE

Field, Garden, Flower, and Tree Seeds  
Bulbs, Implements, Lawn Mowers, Hose

HEADQUARTERS FOR

Market Gardeners' and Ranch Supplies  
Incubators and Poultry Supplies

113 N. MAIN STREET  
LOS ANGELES, CALIFORNIA

## UP-TO-DATE SEED HOUSE

H. L. MUSSER has been the Company's president since its incorporation in 1896, and has won the confidence of our patrons by his untiring efforts in looking after their welfare, seeing that they get the correct seed in its proper season, and always up-to-date with the very newest and best varieties of everything that will prove profitable to the grower.

E. A. AGGELER, vice-president, is a thoroughly accurate, conscientious and competent business man, familiar with the seed and poultry supply business, who will have no goods that cannot be sold on their merits.

WM. EARLY, secretary and treasurer, comes to us from San Francisco with a proficient knowledge of book-keeping, as it is done in the seed houses there.

E. H. MOORE, associated with the house for seven years, is the careful guardian of our shipping department. With his thorough knowledge of seeds, there is no likelihood of any error.

D. F. REICHARD, a native son, all his life a rancher and gardener at Covina, Cal., a graduate of the agricultural department at Berkeley, California, has charge of our seed testing and mail order departments.

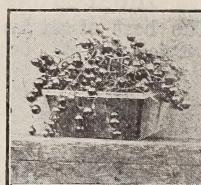


Chinese Mustard.

With the above competent force, every one of whom will conscientiously safeguard the interests of our customers, we are an UP-TO-DATE seed house in every sense of the word, because we have no *incompetent help*; because *all our seed is tested as soon as received*; because we are ever on the lookout for *new and profitable varieties* of field, flower, and garden seeds.

**About Varieties.** It has been our ambition to acquaint ourselves with the varieties of vegetables that the market gardener wants. After several years of careful devotion to that purpose, we have learned that he requires sorts calculated to be more or less in season for each month of the year, because the demand

for table vegetables is constant the year round. If he is growing for shipping, his line will be quite different from that of the grower catering to the home market; if his location is in the frostless belt his selection of varieties will vary from those more adapted to lower altitudes. What is here said of the market gardener also applies to the general rancher planting field and fodder crops.

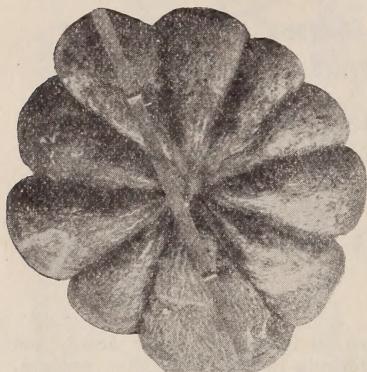


Grape Tomato.

## CREDIT TO WHOM CREDIT IS DUE.

**New Varieties.** Particular attention is here called to the many striking and valuable novelties offered in this book. Great credit is due to anyone who originates a new variety of fruit, flower, vegetable or forage plant. One who is competent has stated that the creations of Mr. Burbank have added more than ten millions of dollars to the wealth of the world. Much credit is due to one who, having discovered a new plant, propagates and brings forth a valuable vegetable or flower, or imports new and valuable plants. All of which add to the general wealth of the country.

The Johnson & Musser Seed Co. do not claim to create like Burbank, but they have discovered some local creations, and by propagation have introduced to the market gardener and general public some now well known fruits and vegetables that have added greatly to the general wealth of the community. Few people are aware that the following well known vegetables are of local origin, discovered and introduced by us:



The J. & M.  
Ideal Muskmelon.

The best of all large varieties.

Price per pkt. 5c; per oz. 10c;  
per lb. 75c.

Tree Egg Plant

Wonderful Lettuce

Queen Onions

Chinese White Radish

Japanese Long White Radish

Boulder Tomato

**To the Beginner.** We request that beginners and new comers consult us either by letter or in person when additional information and advice is wanted other than is contained in these pages. Always give your local conditions of soil and climate, and whether a market gardener or a general rancher. If the latter, state whether hog, dairy, cattle or grain ranching. All inquiries will command prompt attention.

**Seeds We Offer.** As to the seeds we offer, we assure you that the utmost care is exercised to secure only reliable and true to name seed.

We have devoted much time and attention to learning the varieties of garden and field crops suited to each locality. This information will often be found of great service to intending planters.

**Success.** The success which attended our earnest efforts to please last year, warrant the assertion that we are headquarters for market gardeners and ranchers, a reputation we shall hope to maintain by devoting the utmost care and attention in supplying the proper variety of seed for each particular purpose. In conclusion, we thank our many friends for their patronage with the feeling that the seeds we are now offering possess the quality that makes good

Anaheim Chili.  
customers and more of them.



Very truly yours,

JOHNSON & MUSSER SEED CO.



Chinese White  
Radish.



Boulder Tomato.

## Important Instructions for the Amateur Gardener.



An Amateur Gardener.

Obviously to grow vegetables and flowers requires good soil, a rich sandy loam being preferable, though good results are to be obtained from any soil that can be made friable by the use of manure and summer fallowing. Commercial fertilizers are excellent to force a growth, four pounds to the square rod being sufficient. However, when injudiciously applied, fertilizers are harmful. A mass or lump the size of a pea will kill any seed or young plant with which it comes in direct contact. To grow plants successfully, the soil must be thoroughly prepared for the reception of the seed and early stages of growth. Deep plowing, thorough harrowing when the ground is neither too wet nor too dry, are essential. Seeds are tiny delicate plants in embryo, that need only moisture, heat and a certain amount of air to produce germination; too much moisture and insufficient heat will rot the germ. When started, the growth should not be checked by a sudden change of temperature or a lack of moisture or sunshine. As different seeds require different degrees of temperature,

it is difficult to formulate a rule that will be a safe guide. The depth at which seeds should be sown varies with the variety, the conditions of the soil and the season.

Do not expect the tender plant to penetrate a hard crust, which condition of soil must be avoided. Should the ground be irrigated or subjected to rainfall soon after the seed has been planted, and this followed by a hot sun or strong wind, the soil will become crusted, unless carefully harrowed to break up the crust, in which case the seed may not germinate, or if the plant is started, may perish in the early stages of its development. Deep and frequent cultivation while the plants are young and careful weeding is necessary. As the roots spread, cultivation should be more shallow to avoid disturbing the tender fibrous roots. Every garden should have a hot bed where plants can be started and cared for, to be ready for planting out as soon as all danger from frosts and cold rains is past. The purpose of the hot bed is not only to protect the plants from the elements, but to supply heat beneath the plant that the roots may grow vigorously. To make a good hot bed, dig a trench in the ground from east to west, about six feet wide; so you can easily reach the center from either side for weeding; about eighteen inches deep; build a board frame around this trench, the north side six inches higher than the south side, which is six inches above the ground. Fill with strawy horse manure to a depth of fifteen inches; tramp it down well, then water lightly and cover three inches deep with leaf mold or sandy loam.

**Transplanting:**—The ground should be thoroughly prepared to receive the plants. Water them well that they may be pulled with the least possible injury to the roots. Plant as deep as the plant will allow, almost to the top, packing the soil firmly about the roots; pinch off all the larger leaves, leaving only the heart proper; this is to avoid wilting, for it is taxing the roots too hard to recuperate the leaves once wilted. If water is needed in transplanting, cover the wet earth with dry dust to avoid a crust about the plant. Plants should never be watered during the hot sunshine, but morning or evening. Plants accustomed to watering should be watered regularly if forcing is desired.

The vegetable vender is the power that dictates to the gardener what varieties shall be planted. He knows what the consumer likes best, and the grower that furnishes it is the one who finds a ready market for his goods.

A number of shrewd venders have their own gardeners with whom they contract regularly for certain vegetables, and they themselves furnish the seed.



## UNOS CONSEJOS.

Para el buen éxito de toda empresa de esta naturaleza, es preciso que haya un buen terreno, y que el suelo sea cuidadosamente labrada. Si el terreno sea poco rico, ó muy caloso, necesitará una aplicación de fertilizante. Entonces hay que cuidar de no tocar la misma planta, sinó la tierra que la rodea, procurando mezclar los dos elementos muy bien.

En las listas siguientes se encuentra una detallada enumeración de las estaciones, asimismo del tiempo y demás circunstancias que rigen el sembrar de las distintas clases de semillas que tenemos en existencia.

## EL TRANSPLANTAR.

Antes de arrancar las tiernas plantas hay que remojarlas bien primero, para que no se resulte ningún daño á las mas delicadas raíces que las plantas tienen. El próximo paso es lo de introducirlas bien hondo en la tierra, ya preparada, quitandoselas las hojas mas grandes, dejando solamente la corona de ellas. Despues de cubrir y firmar la tierra alrededor de las transplantadas, se las riegan bien, procurando no permitir marchitarlas el sol.

Tenemos mucho gusto en proporcionar, en todo que podamos, los consejos y advertencias que sean aceptables, como tales, sobre la materia de semillas y todo que toca á nuestros negocios como al buen éxito de nuestros marchantes.

**DOUBLE YOUR CROPS**  
**NITRO-CULTURE.**



Roots of Beans Showing Effect of Inoculation with Nitro-Culture.  
(Taken from a Photograph by the United States Department of Agriculture.)

## READ THIS CAREFULLY.

A new, sure and easy way has recently been discovered to make worn-out or poor land enormously productive without nitrogenous fertilizers and almost without expense. Plants need nitrogen and cannot grow without it. Heretofore fertilizers have been needed to put nitrogen into the soil. Nitrogen is very necessary—is the most expensive part of fertilizers. The new way is easier, surer, cheaper—it is to let nitrogen-gathering germs feed the plants.

The soil is full of air. Air is four-fifths free nitrogen. Think what limitless plant food, in the form of free nitrogen, the air contains. Right here the new discovery comes in. Plants cannot extract nitrogen from the air, but there are germs that can. These germs have been discovered and are now being used for that purpose.

These germs, when put into the soil, fasten themselves to the roots of the plants, draw the free nitrogen out of the air, and feed it to the plants. That's the secret of the new way that is making farmers rich. The germs do the work—the farmer gets the profit. They save expense, reduce the work, increase the crop enormously, even make it possible to grow alfalfa and other crops where they never would grow before.

The new way saves the cost of nitrogenous fertilizers and is very easy to use. The germs come ready for use, in a form called Nitro-Culture, put up in small dry packages you can put in your vest pocket. Simply add it to water and sprinkle the water over the seeds before planting. The germs remain on every seed—live with it—increase about it—feed the

roots when they start, and keep on feeding them. They also enrich the soil by storing nitrogen in it, so that the second year's crop, whatever it may be, is increased from two to ten times.

La Mirada, Cal., July 15, 1905.

Gentlemen:—I take pleasure in stating that the Nitro-Culture I purchased from you worked wonders, and have no doubt that it more than doubled the crop and improved the quality wonderfully. I applied it to the growing alfalfa by scattering sand that had been dampened with the solution. Everybody should use it. I also tried it on beans with good results.

Yours truly, (Signed) GEO. B. REEVE.

W. H. Backus, Riverside, Farmers' Bulletin No. 214: "I found bacteria everywhere. Every spadeful, wherever test was made, showed bacteria on the fibrous roots, some at a depth of over 12 inches. I believe it is one of the best discoveries for the horticulturist yet found. I was not a believer at first in the field pea, and dug up vines every year for the last four years looking for bacteria. It took two or three years to get the bacteria in quantity. Now with the culture sent out, if it is properly made up and the seed inoculated, one can get the bacteria at one planting, the amount depending on the care, etc., and the growth is so dense that common weeds have no show whatever. I have watched green manuring, and wherever the field pea has been planted for a series of years the improvement is remarkable. Where burr clover has been allowed to grow during the winter and plowed in the spring, the improvement is quite noticeable, as on my own place. I see no way so good and cheap as inoculating the soil and sowing peas or other legumes. I believe if young groves were planted to peas right from the start, the soil would approximate to a virgin soil for years."

Trial package.....	\$ .25
One acre package.....	1.50
Five acre package.....	5.00
Twenty acre package.....	18.00
Fifty acre package.....	40.00

**Method of Using.**—The Bacteria are furnished dried on absorbent cotton and can be readily forwarded by mail to any section of the country. Full directions accompany each package, which no farmer can have any difficulty in following out.

### SEMILLA INOCULADA.

Para que sepan las gentes interesadas que no conozcan ya nada acerca de la cultura nitrógena, así llamada, añadiremos algunos extractos de un folleto recientemente impreso por el departamento de fomento del gobierno de los Estados Unidos del Norte. El gas incoloro, el cual se llama azoé ó nitrógeno, es un elemento insuprimible á todas las plantas, y la cual abunda principalmente, en los legumbres succulentos que tienen easco y capullo.

Yase pueda comprender á uno el verdadero mérito que reclama este gran descubrimiento, de tan suma importancia especialmente, á los señores hortelanos, asimismo á los aficionados á la floricultura, y á todos que luchan científicamente para alcanzar á los mas avanzados resultados agrícolos. El oficio de la Semilla Inoculada consiste en proporcionar este elemento tan necesario á la vida vegetal por el medio de inoculación de la tierra dondequiero que esté plantada la mágica semilla infectada; ó por la inoculación directamente del terreno antes de sembrarlo, con la bactéria ó especie del hongo—por llamarlo así—que posee la peculiar virtud de trasmisitirse, y de fijar al nitrógeno atmosférico, así disponiéndole al alimento de las plantas. El folleto ya mencionado, se han publicado bajo el título traducido de "Bacteria y el Problema Nitrógeno;" este embarca, rigorosamente y científicamente considerado, el tema en todas sus fases y de todos los puntos de vista mentales, por decirlo así. Pues bien, el dicho folleto nos da cuenta, oficialmente, de que el uso del método nuevo aumenta la cosecha de cien hasta mil por ciento, según y conforme á las clases de plantas de que se trata.

Cuanto al costo que exige el nuevo método de fertilizar los terrenos, podemos asegurar a nuestros lectores que esto no llega á ser mas de un peso, oro, al acre(4,840 varas cuadradas) y que, después las mises, el nitrógeno sigue enriqueciendo al suelo hasta un crecido valor de \$15.00 al acre medido.

Al otro lado de esta página se halla la lista de precios de la Semilla Inoculada.

El acompañante grabado deja ver los nudos que se forman en los raíces durante las seis primeras semanas de su desarrollo.

The best nitrogen gathering crops to plant are the Winter Vetch, Blue Pea, Burr Clover and Fenugreek for winter growing; Whippoorwill, Black Eye, Soy Beans and the Broad Windsor for summer growing. The best time to plow under is when the plant has finished blooming. Always write for prices on these seeds as the price fluctuates from month to month.

JOHNSON & MUSSER SEED CO'S

INCORPORATED

# LIST OF RELIABLE VEGETABLE SEEDS

GARDEN, FIELD AND FLOWER SEEDS

GARDEN TOOLS, GARDEN HOSE AND LAWN MOWERS

INCUBATORS AND POULTRY SUPPLIES

113 N. MAIN STREET, LOS ANGELES, CAL.

**A Los Agricultores Americanos.** En expedir el presente catálogo hemos considerado la ventaja de presentar la información de la mayor importancia en el idioma castellano, pues había una clientela bastante grande que no se acostumbra á leer el inglés. Así se encuentra aquí los nombres de cada clase de semillas, con una breve descripción y sus precios; también llamando la atención á las variidades de un mérito particular. Nos agradecería mucho si las personas que reciban este catálogo nos informarían tocante al carácter de sus terrenos, los tiempos, las lluvias, escarchas, y lo demás, al fin de que podamos aconsejarles con respeto á las plantas que en tales lugares darán los mejores resultados.

Siempre nos quedamos á las órdenes de las gentes que dignen aprovecharse de nuestros servicios; y nos empeñarémos en garantizar la contestación de toda carta recibida de los que nos pidan informes acerca de lo que queda dicho.

De Vdes. S. y A. S. y Q. B. S. M.

JOHNSON AND MUSSER SEED CO.



Only standard, and such other varieties of vegetable seeds as have been thoroughly tested by us, will be catalogued in this book.

Special attention will be called to particularly desirable sorts, and new varieties approved and introduced by us. Instructions for planting are applicable to Southern California only.

Liberal discounts are given when orders call for large quantities, presuming the buyer is a market gardener, for whom our house is headquarters. We spare no pains or expense to secure the best of everything.

“UP-TO-DATE” is our motto. We aim always to have on the list such of the very latest improved varieties of everything that the consumer wants, and if it is wanted the gardener will grow it. Many gardeners have made fortunes growing some of our novel introductions.

## ASPARAGUS—Espárrago

La nombrada “Palmetta” es la mejor variedad. Como necesita tres años para madurar de la semilla, recomendamos plantar raíces, las que darán cosecha el año siguiente. Semillas, libra, 75 ctvos. Raíces, centenar, 60 ctvos.

**Culture for Home Gardens:** In January plant roots two or three years old eighteen inches apart in the rows; rows four feet apart.

Large growers should not fail to send to us for a book on Asparagus Culture by F. M. Hexamer. Price 75c.

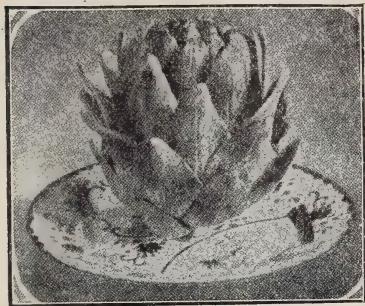
**Conover's Colossal.** Considered the most desirable for market gardeners, being superior to all other sorts in every way. Pkt. 5c; oz. 10c; lb. 75c.

**Palmetto.** Similar to Conover's Colossal, very productive, of uniform size, very early and almost immune from rust. Pkt. 5c; oz. 10c; lb. 75c.

**Barr's Mammoth.** The largest variety, and on that account a desirable sort. Pkt. 5c; oz. 10c; lb. 75c.



Palmetto Asparagus.

**ARTICHOKE**—Alcachofa

Globe Artichoke.

Semilla sembrada en Mayo ó Junio producirá en Febrero ó Marzo siguiente. Onza, 35 ctvos.

**Culture.** The seed may be sown at any time and the bud will mature in about eight months. Every home garden should have two or three stocks of the best variety; being very prolific, this would produce enough for a small family.

The best way to get a good start is to secure plants from old stalks. We endeavor to carry them in stock, but cannot always do so.

**Selected Large Green Globe.** The standard variety. Pkt. 10c; oz. 35c.

**Jerusalem Artichoke.** See forage plants.

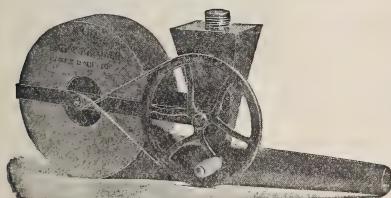
**BEANS**—Frijoles.

Distintas variedades se prestan á los varios tiempos. Deben sembrarse en la orden siguiente de flores hasta Diciembre: French Mohawk, Stringless Green Pod, Kentucky Wonder, Yellow Pod, Refuge, Green and Yellow Black Wax, Canadian Wonder, Ventura Wonder. Libra, 15 ctvos.

**Read Carefully.** We have secured for this season an ample supply of all such varieties of beans as are best suited to our climate. By the letter "M" we will indicate which varieties are specially recommended for the market gardener. Special attention should be given to the instructions concerning the time of planting, which is an important factor in Southern California. All mail orders should include an additional ten cents per pound to cover postage.

**Culture.** For Home Gardens. Plant Stringless Green Pod and our Golden Wax early in April. Plant one to two inches deep, two inches apart, in rows two feet apart. As soon as the plant is well formed, cultivate frequently; let no weeds grow. Spray with sulphur just before the bloom shows, to avoid mildew. Plant every month until August.

Market gardeners who are beginners and not familiar with gardening in Southern California, would do well to consult us, either in person or by mail, before buying, as to variety and time of planting.



The Peerless Powder Blower.

**The Peerless Powder Blower** to sulphur your beans. An indispensable article for the distribution of the various kinds of powder used in greenhouses, vineyards, orchards, fields of cabbage, tomatoes, asparagus, beans and peas.

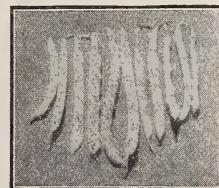
Insects, mildew, rust and evils of kindred nature can all be easily and effectually destroyed by the various kinds of powder in common use. The great difficulty has been in the slow, crude, wasteful and general unsatisfactory methods of application.

This trouble has been entirely overcome by the introduction of **The Peerless Powder Blower**, which is the only machine made that will with equal facility and thoroughness distribute Sulphur, Lime, Slug Shot, Grape Dust, Tobacco Dust, Paris Green or any other powdery substance.

It is easily handled, does the work quickly and perfectly, distributing the powder so evenly that every leaf receives its due proportion without any being wasted.

By the use of the **Peerless Blower** a 200-foot greenhouse can be easily and perfectly powdered in less than five minutes, making it a great saver of labor, time, powder, and an indispensable article for Florists' use.

What has been said about its rapid and perfect work in greenhouses applies with equal force when used to powder Grape Vines, Fruit Trees, Cabbage Plants, Potatoes and all field products. Price \$5.00.



All Kinds of Beans.

**BUSH BEANS**—Green Pod Varieties.

The following list comprises all the varieties best suited to Southern California. We have ceased to catalogue others that would only mislead the gardener.

**Lady Washington, Small White, Blackeye, or Pink.** Write for market quotations.

**Early Refugee.** Round pod, medium size, tender, desirable for table and cannery. Very prolific in warm weather. Plant in April. Per lb. 15c; per 100 lbs. \$8.00.

**Canadian Wonder.** M Flat pod, of good flavor, not stringless, but otherwise tender. Nearly as hardy as the French Kidney. Desired above all others by gardeners growing on the foothills for winter shipping, because of its luxuriant growth and continuous bearing. Plant in September. Per lb. 15c; per 100 lbs. \$8.00.

**Extra Early Valentine.** M Round pod, tender, similar to Stringless Green Pod in habit, but not so prolific. Plant in April. Per lb. 15c; per 100 lbs. \$8.00.



Early Refugee.



**Stringless Green Pod.** M The best variety for first early spring planting. Round Pod, very prolific. Plant early in March. Per lb. 15c; per 100 lbs. \$10.00.

**Long Yellow Six Weeks.** M A strong rapid grower, which matures quickly. Flat pod. Only desirable for forcing. Plant in March, also early in September. Per lb. 15c; per 100 lbs. \$8.00.

**French Mohawk.** M Long oval pod, very tender and prolific. Matures in six weeks. Desirable for a profitable short crop, as only two months time is required from seed time to the end of the crop. Plant every month from March to September. Per lb. 15c; per 100 lbs. \$8.00.

**French Kidney.** M Flat pod, desirable for its propensity to grow and bear in a temperature that kills other varieties. Plant in November. Per lb. 15c; per 100 lbs. \$8.00.

**INOCULATED SEEDS.**

We aim to have on hands at all times inoculated seed of the following varieties, which we will sell in quantities up to ten pounds. Any one desiring more than that may purchase a trial package of Nitro Bacteria at a cost of 25 cents.

Stringless Greenpod Beans.....	Price per lb 20 cents
German Black Wax Beans.....	Price per lb 20 cents
Burpee's Bush Lima Beans.....	Price per lb 15 cents
Kentucky Wonder Greenpod Beans.....	Price per lb 20 cents
Yorkshire Hero Peas.....	Price per lb 15 cents
American Wonder Peas .....	Price per lb 20 cents

**BUSH BEANS—Wax or Yellow Pod Varieties.**

**Stringless or Refugee Wax.** M We first catalogued this bean last season. Because we gave it special recommendation, many gardeners planted it, with the result that all were highly pleased with it because of its hardy growth and enormous yield. It sells readily because it is stringless, tender and of good flavor. It is an excellent variety for the home garden. Plant from April until August. Per lb. 15c; per 100 lbs. \$10.00.



Refugee Wax.

**Our Golden Wax.** Long flat pod, rich golden yellow, stringless. This variety is so superior to other strains of Golden Wax that we have discarded all but this. For two years past we have been unable to obtain enough seed to supply the demand. Plant early in April to August. Per lb. 15c; per 100 lbs. \$8.00.

**Ventura Wonder Wax.** M Nearly all agree that this is a wonder indeed. Long flat pod, very prolific; bears early, and continues nearly all the summer; or planted in September, if not too cold, bears until January, being rust proof. This bean was introduced by us six years ago, and has been the market gardener's favorite since that time. We procured pure seed stock last spring, and have grown an abundant supply of the very best seed. Plant from April to September. Per lb. 15c; per 100 lbs. \$10.00

**Black Wax.** M Pod round, straight, seven to eight inches long. Decidedly the most desirable for mid-summer gardening. Plant from June to August. Per lb. 15c; per 100 lbs. \$10.00

**Burpee's Bush Lima.** M A perfect dwarf Lima Bean. Quality equal to any pole variety. Per lb. 15c; per 100 lbs. \$8.00

**Windsor Broad Bean.** Per lb. 10c; per. 100 lbs. \$6.00



Ventura Wonder Wax.

Patrons will please bear in mind that we make special prices on large quantities of seed. Write us the probable quantities required, and we will cheerfully give you our lowest price.

## POLE BEANS.

**Golden Carmine Horticultural.** This new variety is a very strong grower, bearing a profusion of large fleshy, golden-yellow pods, which, as they become older, are brightly marked with rich carmen flakes and stripes. It is a "double-purpose bean," and will furnish a large supply of delicious shell beans to use in the green state during the summer months, or dried for winter. The pods grow from six to eight inches in length. Per lb. 25c.

**Horticultural Pole.** Short, thick, round pod, desirable as a string, shell, or dry bean. Has long been a great favorite and is well known. Plant in May. Per lb. 15c.



Kentucky Wonder Wax Bean.

**Kentucky Wonder.** M Long, round pod. This is the most popular bean in Southern California, because here it grows to perfection; is far more prolific than any other variety, which, together with its other good qualities, make it the market gardener's delight. Plant from April to July. Per lb. 15c; per 100 lbs. \$8.00

**Kentucky Wonder Wax Bean.** M In saying that this bean is even more prolific than its green-podded namesake we do not overstep the bounds of truth. It commences to bear when scarcely higher than the average bush variety, and keeps on producing until killed by frost. In some comparatively frostless districts it has continued in bearing from June to December. The illustration shows the height of the vine and its enormous productiveness. It is a rampant grower, one vine filling a pole with a mass of vines densely loaded with fleshy beans. They are solidly meaty, entirely stringless, and when cooked, deliciously rich and buttery. The seed is brown, closely resembling that of the Kentucky Wonder. Plant from April to August. Per lb. 15c; per 100 lbs. \$8.00.

**White Crease Back.** M This variety is especially valuable for its extreme earliness, and its habit of perfecting all its pods at the same time. Vines small but vigorous, and, in good soil wonderfully productive, bearing pods in clusters from four to twelve. Pods medium length, silvery green, of the best quality as snaps and stand shipping better than most sorts. The seed is small, oval, very white, and hard. Per lb. 15c; per 100 lbs. \$8.00

**Lazy Wife.** Pods grow from six to eight inches long, entirely stringless, of a rich buttery flavor when cooked; retain their tender, rich flavor until nearly ripe; a good white shell bean for winter use. Per lb. 15c; per 100 lbs. \$8.00.

**Celestial or Cuban Asparagus Bean.** A curiosity. Dark green foliage; pods over two feet long and very abundant. Per pkt 5c; per lb. 25c.

**Our Skillman Lima.** M This bean has proven more satisfactory to the market gardener than any other sort, because of the large pods and their productiveness. It needs no poling. Per lb. 15c; per 100 lbs. \$7.00.

**Large White Lima.** The best shell bean known, either green or dried. A splendid, productive sort. Per lb. 15c; per 100 lbs. \$7.00

**King of the Garden Lima.** Beans of unusual size; quality perfect. Per lb. 15c; 100 lbs. \$7.00



Celestial Bean.

**BEETS—Remolacha.**

When ordering beet seed by mail add 10 cents per pound for postage.



Extra Early Egyptian.

La "Egyptian" es la mejor clase para el invierno, y la appellida "Blood Turnip" se halla más adaptada al verano. "Charlo" se presta solamente para sus hojas, de las que se hacen verduras.

**TABLE BEETS**

**Culture.** Sow all the year round in drills twelve inches apart, thin out to three inches apart in the row, or sow in plant-bed and transplant to any convenient spot in the garden. Water well once a week, keep the ground loose and the weeds out.

**Eclipse.** Is a favorite for family garden, very sweet, tender and of fine texture. Pkt. 5c; oz. 10c; lb. 50c.

**Extra Early Egyptian. M** The market gardener's favorite. On account of its beautiful appearance and excellent flavor you should plant no other. Ours is imported seed which guarantees it to be superior quality to the California grown. Pkt. 5c; oz. 10c; lb. 50c.

**Early Blood Turnip. M** Extra early, of deep, large growth. Flesh very tender, and retains its blood-red color when cooked. Per pkt. 5c; per oz. 10c; per lb. 50c.

**Long Dark Red Blood.** Smooth, growing to good size; color dark blood red; top small, of upright growth. Per pkt. 5c; oz. 10c; lb. 50c.

**STOCK BEETS—Remolachas para Animales.**

Las variedades de mayor popularidad son las Golden Tankard Mangel y Long Red. Por libra 15 ctvos.

**Culture.** May be sown from October to May in drills  $2\frac{1}{2}$  feet apart. Thin out to stand  $1\frac{1}{2}$  foot apart in rows. Keep well cultivated; 8 lbs. of mangel, or 10 lbs. of sugar-beet seed will plant an acre.

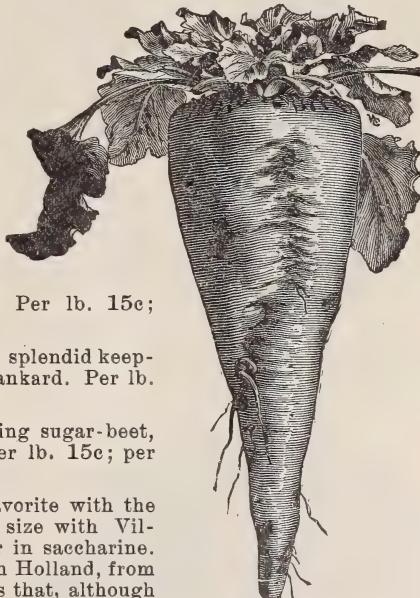
**Mammoth Long Red Mangel.** The largest and best stock beet. Yields 20 to 30 tons to the acre. All stock except horses eat it readily. Per lb. 15c; per 100 lbs. \$12.00.

**Golden Tankard Mangel.** Contains more sugar and less water than any other mangel. Rich in milk-producing qualities, hence a favorite with dairymen. Horses will eat it. Per lb. 15c; per 100 lbs. \$12.00.

**Yellow Globe Mangel.** Easily harvested and a splendid keeper. Similar in good qualities to the Golden Tankard. Per lb. 15c; per 100 lbs. \$15.00

**Lane's Imperial Sugar.** The heaviest cropping sugar-beet, and the most profitable for stock farmers. Per lb. 15c; per 100 lbs. \$12.00

**The Holland Stock Beet.** This beet is a favorite with the stock growers of Holland. It compares in size with Vil-morien's Improved Sugar Beet, but is richer in saccharine. Our attention was called to it by the grower in Holland, from whom we obtain all our Beet seed. He claims that, although the tonnage yield per acre is not as large as the Tankard or Long Red the benefits the stock derive from this beet are so evidently superior to the benefits from other varieties that it is universally recognized by the Holland stock raisers. We, therefore, secured one thousand pounds, and, now offer it to our dairymen for trial at the cost of the common varieties. Per lb. 15c; per 100 lbs. \$12.00.



The Holland Stock Beet.

## BEETS—Continued.

**Klein Wanzleben** (Sugar Beet). This variety is without question the best in cultivation. Not the largest in size, but the richest in saccharine matter. Per lb. 20c; 100 lbs. \$12.00.

**White Swiss Chard.** Grown for its leaves only; one of the best early greens. Leaves grow to enormous size, 20 inches to 2 feet in length. The stock is almost perpetual if kept trimmed. The abundance of tender leaves makes it a desirable plant for poultry greens; much more desirable than alfalfa, because it can be grown with less care and in any convenient place about the premises. Try it for your hens. Per pkt. 5c; oz. 10c; per lb. 75c.

## BROCOLLI.

**Culture.** Treat same as cauliflower.

**Early Purple Cape.** Resembles the cauliflower, but is harder and more easily grown. Heads purplish-brown in color, always close and compact. Fine flavor. Per oz. 30c; lb. \$3.00.

## BRUSSELS SPROUTS—Berza de Bruselas.



Brussels Sprouts.

Semejante al Repollo, sinó mas delicado.

**Culture.** Treat same as cabbage.

**Dwarf Improved.** Produces on the stem compact sprouts resembling miniature cabbages. A delicious vegetable. Per oz. 15c; lb. \$1.50.

## CHICORY.

**Large Rooted.** The roots, dug in the fall, dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. Seed should be sown quite thinly in shallow drills early in the spring. When well started, thin out to stand two or three inches apart in the row, and give good cultivation all summer, so that the roots may grow as large as possible. Per oz. 10c; lb. 90c.

Among the Chinese vegetables that should become more popular with every family garden are the following: Chinese Cabbage, Chinese Mustard, the Chinese Large White Radish, Chinese Celestial Bean, and the Edible Pod Peas.

## CHINESE CABBAGE.

This is a delicious vegetable grown and consumed almost exclusively by the Chinese. As it is regarded somewhat sacred by them it is not offered by the vegetable venders. The picture gives an idea of the beautiful appearance, but does not depict the delicate blanching. The flavor is a blending of cabbage and turnip. It will prove a valuable addition to every family garden. Price, per pkt, 25c; oz. \$1.00.



Chinese Cabbage.

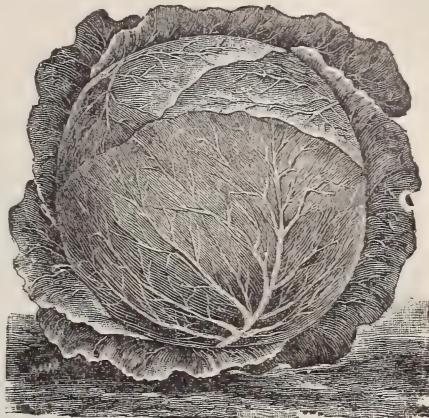
**CABBAGE—Repollo.**

La variedad "Drumhead" (tambor) da el major resultado. "Winnigstedt" es mas temprano "Curley Leaf" tiene un sabor muy delicado. La nombrada "Red" sirve para hacer incuitidos Por onza, 10c; por libra, \$1.00.

Nearly all the cabbage seed sold by American seedsmen is grown in America, but our experience in Southern California climate proves that Quedlinburg-grown seed produces earlier cabbage. Although the cost is almost 40 per cent more, we stick to the Quedlinburg seed, because it has never disappointed us. Although our annual sales exceed fifteen hundred pounds, we never receive a complaint from this seed.

Large growers have learned to ask for the Quedlinburg seed; when assured they are getting it, they are sure of a good crop.

**Culture.** The secret to grow hardy plants is to thoroughly prepare the soil in the plant bed. Loosen the soil thoroughly to a depth of eight or ten inches, pulverize the surface well. Sow in drills, not too freely, about one inch deep, press the soil firmly over the seed; this is important. In about six weeks transplant in rows three and a half feet apart, one foot in the row for Winningstadt, fifteen inches for large heading varieties. Break off the outer leaves, leaving only the heart of the plant. The larger leaves wilt and the roots cannot



J. & M. Early Drumhead.

revive them; when broken off the roots easily sustain the heart until new growth takes place. Keep the crop well watered, for when growth is checked the seed head matures and bursts forth as soon as moisture is again applied. This accounts for much cabbage going to seed.

**Early Winningstadt Improved Quedlinburg Strain.** M A superb strain of this popular cabbage, and one that has given perfect satisfaction to our market gardeners for the last ten years. Sure to head hard and solid. If desired, we can give numbers of good references as to great superiority of our seed, which is sold in this city only by ourselves. Per pkt. 5c; oz. 20c; lb. \$1.75.

**Early Jersey Wakefield.** A popular early sort with Eastern Gardeners. Does not do so well here as the Winningstadt. Per oz. 15c; lb. \$1.50.



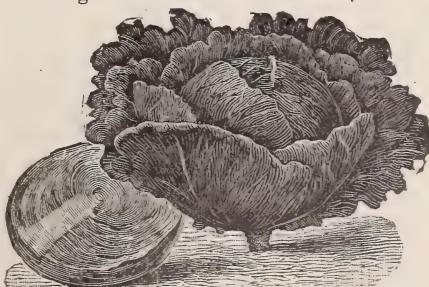
Winningstadt Cabbage.

**Fottler's Improved Drumhead.** The earliest of the large Drumheads. Per oz. 15c; lb. \$1.50.

**Premium Large Late Flat Dutch.** M The standard sort for late crop. A large, sure header. Per oz. 15c; lb. \$1.50.

**Improved Red Drumhead.** Heads round in shape, of deep color and remarkably hard and solid. Per oz. 15c; lb. \$1.50.

**J. & M. Early Drumhead.** M Undoubtedly the best early cabbage for a home garden, as well as the best early maturing variety for late planting. Pkt. 5c; oz. 25c; lb. \$2.00.



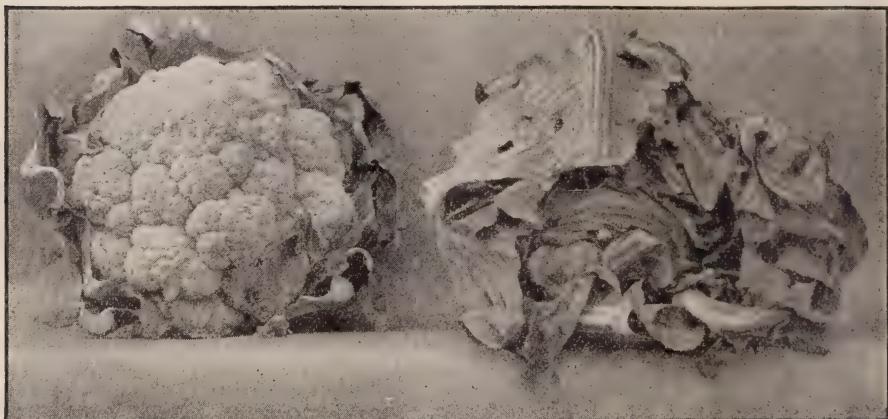
Improved Red Drumhead.

## CAULIFLOWER—Coliflor.

La "Perla de California" es la mas segura, dando los mejores resultados.

**Culture.** Prepare the soil as for cabbage. Seed may be sown from June to the following April. Set out the plants two feet by fifteen inches apart. Cauliflower should be kept growing constantly, as it may be injured by a check at any period of its growth; hence, irrigate freely. One ounce of seed produces 2000 plants, four ounces to the acre.

**California Pearl.** M This is of local origin and can be depended upon to reproduce itself, having been thoroughly tested. It is particularly adapted for shipping, the flower being completely enveloped within spiral curled leaves, thus avoiding injury in packing and retaining its fresh appearance longer than any other variety. It is destined to become the shipper's favorite. Per. pkt. 20c; oz. \$2.00; per lb. \$20.00



California Pearl.

**Henderson's Early Snowball.** Very early, and one of the surest to head. It has long been a standard sort. Per pkt. 25c; per oz. \$2.50

**Extra Early Erfurt.** Very dwarf, with solid white heads of superior quality. Per pkt. 20c.; per oz. \$2.00

**Autumn Giant.** Heads large, firm and compact, thoroughly protected by foliage. Per pkt. 5c; oz. 75c; lb. \$10.00

**Improved Algiers.** The best late sort. Sure heading. We think it the best variety for main crop in this section; it has proven popular with market gardeners for Eastern shipment. Per pkt. 10c; oz. \$1.00; lb. \$12.00

**California Mammoth Market.** M A distinct variety which has long been grown in preference to any other sort by our Chinese gardeners. It is a very large, hardy variety of good quality, and seems to stand shipment better than any other sort. No other cauliflower stands our long, dry season so well. Per pkt. 10c; oz. \$1.00; lb. \$10.00

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### NOTICE.

Do not plant cauliflower seed earlier than July 1st., as the hot weather in September is almost sure to destroy any cauliflower that is advanced sufficiently far as to begin heading. Seed that is sown in September might make first class cauliflower later. This was fully proven last season.

It was clearly demonstrated during the seasons of 1905 and 1906 that Early Snowball Cauliflower seed, planted in May and June, failed on account of the hot weather in September, while seed of the same importation planted in August produced an excellent crop.



Wong Quai  
knows how to grow Cauliflower  
he succeeds 'tho others fail

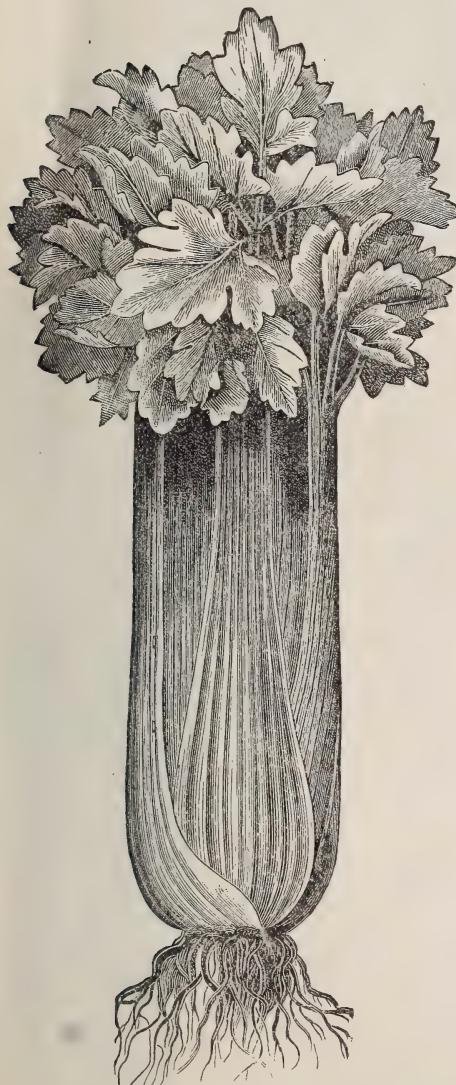
Wong Quai says when Johnson & Musser's seeds dont turn out all right it is the gardener's fault.

## CELERY—Apio.

El "White Plume" es el Apio, de todas la especias, lo mas temprano y sabroso. El "Golden Self Bleaching" es muy popular para el transperte al extranjero, puesto que sale del empaque de un largo viage bastante fresco y firme. Toda la semilla que ofrecemos de venta en nuestros almacenes se ha sido cuidadosamente propagado en Francia. Libra, \$4.00.

**Culture.** Sow the seed in February, in drills twelve inches apart, and not too thick in the row to secure stalky plants. In July when the plants are strong, transplant to furrows four feet apart and six inches deep. Set the plants six inches apart in the furrows; as the plant grows, fill the earth toward the plant to secure proper bleaching.

**Dwarf Golden Self Blanching.** M This seed is imported direct from France, and for four successive years has given perfect satisfaction. We have secured ample quantity of fresh seed from the same French grower. Pkt. 10e; oz. 50e; lb. \$5.00.



Dwarf Golden Self Blanching.

Louie Poon says he always has good luck with Johnson & Musser's celery seed.



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Louie Poon.

**Improved White Plume Celery (French Grown Seed.)** M We have also secured from the French grower mentioned above a limited quantity of Improved White Plume Celery Seed. Those who are desirous of growing a superior strain of this well-known variety will do well to try it. Per pkt. 10e; oz. 30e; lb. \$3.00.

**Select White Plume, California Grown.** M Its stock, inner leaves and heart are naturally white, so by simply drawing the soil up against the plant and pressing it in is all the work for blanching required. Per oz. 5; lb. \$1.50.

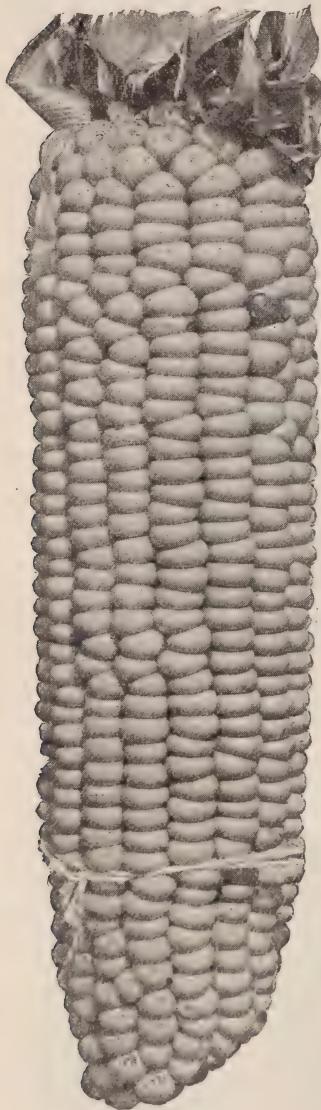
**Pink Plume Celery.** The "Pink Plume" is practically identical with "White Plume," but with the added merit of the stalks being diffused with pink. Per oz. 20e; lb. \$2.00.

**Dwarf Golden Heart.** A distinct variety of sturdy dwarf habit. It is solid, an excellent keeper, and of fine, nutty flavor. Per oz. 15e; lb. \$1.25.

**Giant Pascal.** The largest of all; is a great favorite in the Eastern home garden. Per oz. 15e; lb. \$1.50.

### SWEET CORN—Elotes.

When ordering to be sent by mail add ten cents per pound for postage.  
"Oregon Evergreen" es, de todas las variedades, la mas prolífica; también, la mas estimada para la meta. Se vea que todas de ellas aquí indicadas son mas corrientes, y por esta razon cuestan menos á nuestros merchantes. Por libra 15c; por correo se suplica que se agreguen un décimo yor libra éxtra para franquear el importe.



Oregon Evergreen.

**Late Mammoth.** One of the finest varieties for main crop. Good quality, very productive. Per lb. 15c.

**Black Mexican.** One of the best sweet corns for this section. Delicously sweet and tender, and very productive. Per lb. 15c.

(Description and prices of Field Corn see Field and Forage Plants.)

**Oregon Evergreen.** M The largest extra early sweet corn of delicious flavor, grains are full to the tip, making it less liable to the ravages of the worm. It has a thick husk which retains the freshness, making it desirable for the vender. This variety has doubled the value per acre of sweet corn over all other varieties. One market gardener stated that he took in more money from one acre of Oregon Evergreen than from two acres of Stowell's Evergreen. This is only the third year since its introduction, and it is safe to estimate that ninety per cent of all the sweet corn planted this spring will be Oregon Evergreen. It is the grower's favorite; it is the seller's favorite; it is the consumer's favorite. Price per lb. 15c; per 100 lbs. \$10.00.

**Country Gentlemen.** The most delicious of all sweet corn. The ears are somewhat smaller and less showy than the coarser varieties, but for private family use, where quality is preferred to size, it has no equal. The cob is very small, giving great depth to the kernels. The great merit of "Country Gentleman" is its fine quality. Time of ripening, a little later than Stowell's Evergreen. Per lb 15c.

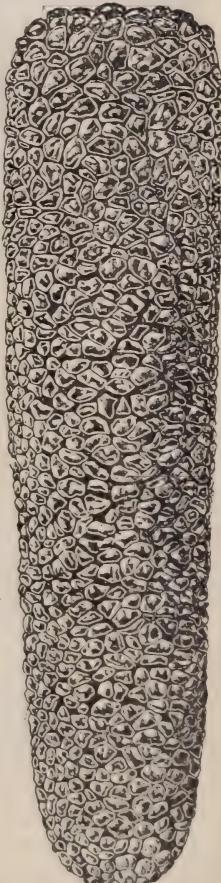
**Stowell's Evergreen.** M If planted at the same time with earlier kinds, will keep the table supplied till October. It is hardy and productive, very tender and sugary, remaining a long time in a fresh condition suitable for cooking. Per lb. 15c.

**Adam's Early.** M The hardiest and earliest variety for table use; can be planted earlier than any other, but is not a sweet corn; white indented grains and short ear. Per lb. 10c.

**Early Minnesota.** An excellent sweet corn of extra early habit, Per lb. 15c.

**Early Crosby.** Second early. Remarkably productive grower with good sized ears. Per lb. 15c

**Early Mammoth.** Produces larger ears than any other early sort. Per lb. 15c.



Country Gentleman.

## CUCUMBERS—Pesinos.

El "Arlington White Spine" se halla de muy fácil venta en el mercado, por caída de ser siempre temprano. Para el uso general recomendamos plantar el "Long White Spine".

Por libra 60 ctvos.



Long White Spine.

**Culture.** Plant from March to August in hills 4 to 6 feet each way, 8 or 10 seeds in a hill. Cover half an inch deep. When danger of insects is past, thin out the plants, leaving five or six of the strongest in each hill. One ounce of seed will plant 50 hills; two pounds to the acre.



A box of Long White Spine.

**Long White Spine.** M This valuable cucumber was introduced to our customers two years ago, although it became generally used last season, with such excellent satisfaction that no one who has seen it will want any other variety. Surely the market gardener will prefer it because of its beautiful shape, straight, long, fleshy, sweet and deep green color. Many persons, believing they had something wonderful, brought them to the Chamber of Commerce, where some can be seen in jars. Our seed was grown on our peat land ranch near Westminster. The accompanying picture shows some of the cucumbers as they appeared on the market. Per pkt. 5c; oz. 10c; lb. 70c.

Long White Spine Cucumber seems to have met with favor among gardeners throughout the United States by the way catalogues are praising it. But our Long White Spine was so superior that it attracted special attention on the market last season.

**The Florida Cucumber—Extra Selected Stock.** A marked improvement over all strains of cucumbers, and since its introduction has proven a most profitable variety with all truckers, bringing better prices than any other variety. The vine is very hardy and its earliness has been developed until the fruit is ready for shipment a week or more in advance of the best varieties of White Spine. Per oz. 25c; 1/4 lb. 75c; lb. \$3.00.

**Arlington White Spine.** This is the favorite for early forcing outdoors. Grown side by side with our Improved White Spine, the Arlington proved to be fully two weeks earlier, more uniform in shape, and brought the highest price on the market. Our stock is Nebraska grown and is very reliable. Per pkt. 5c; oz. 10c; lb. 60c.

**Improved Long Green.** Dark green, firm and crisp, 12 to 16 inches long. Very extensively grown. Per pkt. 5c; oz. 10c; lb. 60c.

**California Pickling.** Extra early and immensely prolific, fine form and good color. The best variety for pickling. Per pkt. 5c; oz. 10c; lb. 60c.

**Nichol's Medium Green.** The young fruit is symmetrical in shape, deep in color and very crisp. An excellent variety for pickling. Per pkt. 5c; oz. 10c; lb. 60c.

**Cool and Crisp.** One of the best early varieties for slicing. In quality unequalled. Per pkt. 5c; oz. 10c; lb. 60c.

**Early Cluster.** Vines vigorous, producing bulk of the crop near the root and in clusters. Per pkt. 5c; oz. 10c; lb. 75c.

## CUCUMBERS—Continued.

**The Telegraph.** The king of all cucumbers, not only in utility, but unexcelled by any in flavor. Very productive, and should form a part of every household garden. The seed is very scarce. We have been unable to procure more than a few ounces. Everybody should try it. Sold in pkts. of 25 seeds for 10c.



California Pickling.

**Gherkins.** A small prickly sort, grown exclusively for pickling. Per pkt. 10c; lb. 75c.

**Japanese Climbing.** Climb like a grape vine, and is very prolific. Per pkt. 10c.

**Snake Cucumber.** Grows in coils like a snake, and attains six feet in length. Per pkt. 20c.



Arlington White Spine.



Japanese Cactus

**Japanese Cactus.** T. P. Herbert of El Monte, says: "The vine is handsome and exceedingly luxuriant. One hill will cover a trellis at least 10 feet square, with a solid sheet of dark green through which the sun cannot penetrate. It averages, when mature, about 4 inches long by  $2\frac{1}{2}$  in diameter, and is covered with strong protruding points or horns. The skin is perfectly smooth and of a very deep dark green, except around the base of the horns. When the fruit ripen they turn a brilliant orange and yellow, in speckled and clouded effects, and are

then highly ornamental. The young fruits make most excellent pickles, and from this state up to their full size they can be eaten green, the same as ordinary cucumbers, and are tender and delicious. It cannot be too highly commended and everybody should grow it where ordinary cucumbers fail." Pkt. 25c.

## CORN SALAD OR FETTICUS—Macha ó Valerianilla

Es un legúmbrre muy paracido á la Espinaca.

A vegetable used as a salad. Sow from Oct. 1st to Feb. 1st, in rows one foot apart, and is fit for use in six or eight weeks from sowing. Can also be sown in cold frames.

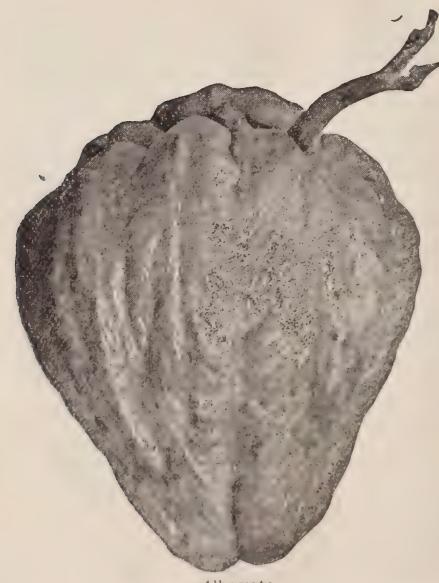
**Large Leaved.** Per oz. 10c; lb. 60c.

## CHAYOTE.

This is the vegetable that was so extensively written about last spring. It was offered for sale by us last season but our supply of seed being limited we were sold out before the season fairly opened.

We have one vine eight months old covering an area of sixty feet in diameter bearing numerous pear-shaped fruit like the one shown in the picture. The fruit is one seed, the sprout growing from the eye as the picture depicts. It can be cooked like squash or egg-plant, or properly prepared, makes an excellent salad. Price, per seed, 10c, per one doz, \$1.00. Postage 6 cents extra for each seed.

Mr. J. M. Jones of Vernon, says: "People wonder why I can get better prices for my things than anyone else. You see I buy

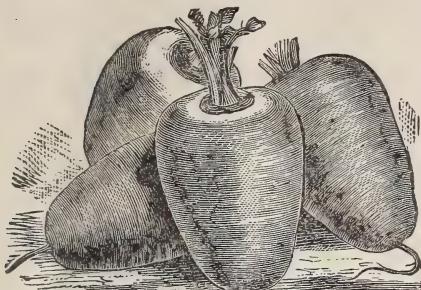


Chayote.

my seeds from you, and you know I want nothing cheap. I get the best of everything. My Stone Tomatoes are now (Nov. 15) the nicest on the market. I want one pound of your Earliana, same as last year, and ten pounds of your Pineapple Muskmelon."

**CARROTS—Zanahoria.**

Para el puchero el "Oxheart" es de preferencia. Por libra 60 ctvos. Para alimentar á los animales la variedad "Yellow Belgian" da la mayor satisfaccion. Por libra 40 ctvos.



Guerande or Ox Heart.

**Danvers.** The roots are smooth and of a rich, dark orange color. One of the best sorts for a main crop. Per oz. 10c; lb. 60c.

**Chanteney.** Flesh a deep golden orange color. Always smooth and fine in texture, very tender. Per oz. 10c. lb. 60c.

**Improved Long Orange.** A deep orange colored variety equally adapted for farm or garden culture. Per oz. 10c; lb. 50c.

**Large White Belgian.** Is raised exclusively for stock. Grows to a very large size; is easily gathered. Per oz. 10c; lb. 40c.

**Large Yellow Belgian.** Is similar to the above, but a light orange color; said to be richer. Per oz. 10c; lb. 40c

**DANDELION—Amargón.**

Es una hierba muy apreciada por ser sana y de buen sabor. Por paquete de á 10 ctvos.

**Large Leaved.** Very early, leaves of which make wholesome greens. Sow in May or June. Cultivate during summer, and following Spring the leaves will be fit to cut. Per pkt. 10c;  $\frac{1}{2}$  oz. 35c; oz. 65c.

**ENDIVE—Escarola ó Endibia.**

"Crean Curled" goza de una preferencia sin igual. Por onza de á 15 ctvos.



Green Curled.

**Culture.** May be sown all the year round. Till the soil deeply and manure heavily. Cover seed from  $\frac{1}{2}$  to 1 inch in depth. Sow in drills 15 inches apart, and thin out to four or five inches apart;  $2\frac{1}{2}$  pounds of seed will sow an acre;  $\frac{1}{2}$  ounce to 100 feet of drill.

**Guerande, or Ox Heart.** M Beautiful shape and color. The roots generally attain from four to five inches in length and about three inches in diameter. Quality first rate, very tender, with almost an entire absence of core. This is the market gardener's favorite. Per oz. 10c; per lb. 60c.

**Early French Forcing.** A small sort, but desirable on account of its extra early habit. Per oz. 10c; lb. 75c.



Carrots for Sale.

**Culture.** Seed may be sown any time during the year. When plants are well started thin out to ten inches apart to the row, or they may be transplanted to fresh rows. When plants have reached a good size, gather the leaves closely together and tie loosely in an upright bunch. This bleaches the inner leaves in about ten days and adds to the crispness as a salad, as it renders the flavor mild and delicate. One ounce will sow 100 feet of row; three pounds will plant one acre of land in rows three feet apart.

This plant furnishes an attractive and appetizing salad for the fall and winter months, or by repeated sowings a supply may be had nearly all the year round.

## ENDIVE—Continued.

**Green Curled.** M Leaves finely cut or lacinated, giving the plant a rich mossy appearance, which is greatly enhanced when the centers are nicely blanched. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**White Curled.** This beautiful variety does not need blanching to prepare it for use, the midribs being naturally of a pale golden yellow, and the finely cut and curled leaves almost white. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50.

**Batavian.** Forms large heads of broad thick leaves, which can be blanched as a salad or make excellent cooked greens, as well as being useful to flavor soups, stews, etc. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

## EGG PLANT.—Berengena.

La "New York Purple" y la "Tree Eggplant" se puede recomendar por sus buenas cualidades, en las que sobresalen á todas.

**Culture.** Egg Plant seed germinates slowly and should be started in a strong heat. The soil should be one part leaf mold and one part sandy loam. It is important to secure a rapid and continuous growth. Set thirty inches apart, pinch off the larger leaves when transplanting.



The Tree Egg Plant.

in circumference (six to eight inches in diameter.) A single plant at times will produce eighteen fine eggs. No market or private gardener should fail to try the Tree Egg Plant. Pkt. 10c; oz. 50c.

We will endeavor to have on hand throughout the season plants of various varieties, viz.: Egg Plants, Cabbage, Tomatoes, etc. Anyone desiring several hundred or more should engage them several days before needed, in order that we may have them fresh from the plant bed.

## KOHL RABI—Colinabo.

Legumbre de suma excelencia, y que tiene un sabor delicado, como del nabo guisado con col ó repollo. Se vende por paquete, de á 5 ctvos; onza, 15 ctvos.

Chinaman not knowing the name call it Cabbagie, all same Turnip.

**Improved Large Purple.** This variety has superseded all others, both for market and home use. The large size and high quality of its fruit and its extreme productiveness make it the most profitable for the market gardener. It is spineless, which is a great advantage in shipping. Per pkt. 10c; oz. 35c.

**Black Beauty.** Fruit large, symmetrical in shape and uniformly of a rich, dark purple color. Fruit matures a little earlier than our improved Large Purple, but are not quite as large. Pkt. 10c; oz. 50c.

**The New Tree.** This variety attracts attention wherever grown. It is of large size and extremely good shape, being particularly adapted to slicing, as there is no waste of material. In flavor it is simply superb and cannot be surpassed. The hot sun does not blight the blossom, as is the case with some other sorts. It resists drouth and bad weather to a wonderful degree, partly on account of its strong, upright growth. It bears its eggs or fruit sometimes one or two feet above the ground, thus escaping liability to rot. We are satisfied the Tree Egg Plant is superior to any other kind now grown. The fruit often measures 18 to 24 inches



Kohl Rabi.

**KOHL RABI**—Continued.

**Culture.** Plant and treat like cabbage. Seed may be sown from July to following April. An ounce of seed will produce 2000 plants.

**Early White Vienna.** The earliest sort, very tender, excellent for table use. Per oz. 15c; lb. \$1.50.

**Early Purple Vienna.** Similar to above, but has flesh of a purple color. Per oz. 15c; lb. \$1.50.

**KALE**—Col Rizada.

Es una especie de Col ó Repollo, y muy parecida á ella en su sabor y en sus costumbres. Se vende una onza á 10 ctvos.



Borecole or Kale.

**Culture.** Seed should be sown thinly in drills about the middle of June for the tall sorts, transplanting the young plants to rows three feet apart in the field when of sufficient size. Later in the season the dwarf sorts may be sown rather thickly in drills or broadcast to furnish small heads to be cooked like spinach during the winter months. One ounce to 100 feet of drill.

**Dwarf German Kale.** German Greens or Sprouts (Dwarf Curled Scotch Kale.) The leaves are curly, bright green, very tender and delicate flavor. Per oz. 10c; lb. \$1.00.

**Tall Green Curled Scotch.** This makes a beautiful plant, about two and a half feet tall. Per oz. 10c; lb. \$1.00.

**GOURDS.**

Ground Bottle	Nest Egg	Pear Shaped
Apple Shaped	Dipper	Hercules Club
	Mock Orange	
Pkt. 5d; pkt. mixed varieties, 10c.		

**LETTUCE.**

**Culture.** May be grown in California all the year round. Sow in open ground in rows a foot apart, and thin out plants to one foot apart in rows; or may be started in seed bed and transplanted. It requires rich, moist soil and clean cultivation. One ounce of seed will sow 125 feet of drill and produce 300 plants.

**J. & M. GOLIATH COS LETTUCE.**

As the name would imply, this is indeed a mammoth Lettuce; the head weighs as much as nine pounds, and measures fifteen inches high and ten inches in diameter, blanches beautifully and is slow to seed. The flavor is most excellent. This lettuce ought to become very popular, and no doubt will, as it is no more difficult to grow than the smaller and better known varieties. We have only a very limited quantity of the seed this season so all orders should be sent in early. We can offer it only in packets at 25c each.

It has always been our aim to find new and valuable varieties of lettuce. In this we believe we have the perfection in Goliath's Lettuce.

**Paris White Cos.** Upright, crisp and tender. Cos lettuces are becoming deservedly popular, and should receive the attention of market gardeners. Per oz. 10c; lb. 80c.



Goliath Cos Lettuce.

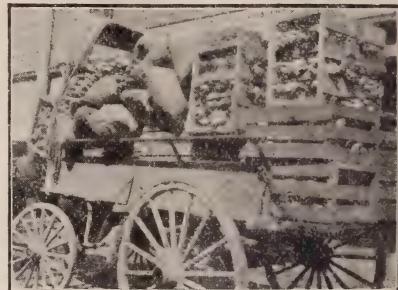
## LETTUCE—Lechuga.

## CURLED LEAVED VARIETIES.

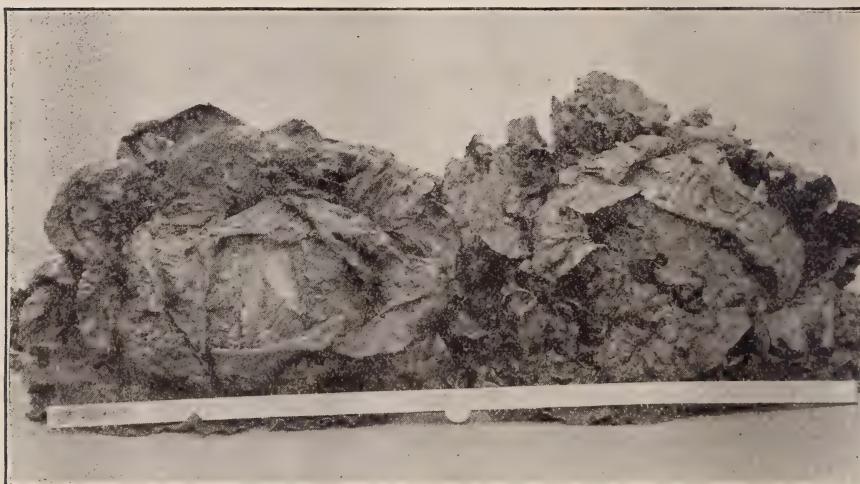
La "California Cream Butter" es la mejor clase de las de hojas lisas, como son las "Wonderful" y "Iceberg" entre las especies que despliegan un follaje bien rizado.

El calor de verano hace inútil la siembra de la "Wonderful" desde Marzo hasta Agosto. De las varias clases un paquete se vende de á 5 ctvos; onza, 10 ctvos; y libra, 75 ctvos.

**Wonderful Lettuce.** M Is deservedly the most popular lettuce on the Los Angeles market. It is large, crinkly and of delicious flavor; dark green foliage, but blanched heart. *This variety should be grown in winter time only.* Sow the seed any time from October 1st to February 1st. At great care and expense we have secured an ample supply of the very best strain of this seed. Pkt. 5c; oz 10c; lb. 75c.



Wonderful Lettuce.



Wonderful Lettuce.

**Iceberg.** M Large curly leaves of bright, light green, with a very slight reddish tinge at the edges. Delicious flavor. This is the best variety for a summer crop. Pkt. 5c; oz. 10c; lb. 75c.

**Hanson.** Similar to the Iceberg, without the tinge of red. Pkt. 5c; oz. 10c; lb. 75.

**Denver Market.** M One of the largest of the curled leaved varieties. Heads are not solid but of very excellent flavor. Price pkt. 5c; per oz. 10c; lb. 75c.

**Prizehead.** This excellent lettuce deserves to be more popular. It has no superior. Its lack of popularity is due no doubt to the tinge of red on the edge of the leaves. Having tried it once, you will have it again. Pkt. 5c; oz. 10c; lb. 75.

**Early Curled Simpson.** One of the best early sorts. The leaves tend to produce a large loose head beautifully crimped. Pkt. 5c; oz. 10c; lb. 75c.

**Grand Rapids.** A loose headed sort, superior to and more beautiful in appearance than the Simpson. It is of rapid upright growth; standing several days after being ready to cut without injury. Pkt. 5c; Per oz. 10c; lb. 80c.

## LETUCE—Continued.

## SMOOTH LEAVED VARIETIES.

**California Cream Butter.** This lettuce has become the most popular of all smooth leaved varieties. It is the best for shipping. One gardener sold from one-half acre of this lettuce nearly three hundred dollars worth. It is of good flavor and beautiful in appearance. Pkt. 5c; oz. 10c; lb. 75c.

**Tennis Ball.** Similar in every respect to the California Cream Butter, except in size. It forms a solid head and is best for early forcing. Pkt. 5c; oz. 10c; lb. 75c.

**Deacon.** M Firm, a very large head; leaves slightly crimped, very crisp. A great favorite on the St. Louis market. Not new, but always satisfactory. Per oz. 10c; lb. 75c.

**All the Year Round.** Is one of the most desirable of all smooth-leaved varieties. Solid head, with heart yellow as gold. Excellent flavor, crisp and tender. Per oz 10c; lb. 75c.



California Cream Butter.

**Summer Cabbage.** M The best of all smooth leaved varieties; color light green; very tender and buttery. It is a sure header in the hottest season. Pkt. 5c; oz. 10c; lb. 75c.

**Big Boston.** A very large and desirable variety. The leaves are slightly tinged with red. A great favorite in the Philadelphia market. Price, pkt. 5c; per oz. 10c; lb. 50c.

**A Word About Muskmelons.** Owing to the enormous demand for muskmelons, we have made a special effort to secure only the varieties best suited to the particular purposes for which they are grown, as the Rocky Ford and Jenny Lind for first early; the Pineapple and Jenny Lind for all summer trade; the Columbus, Paul Rose and other varieties for special trade; the Casabas for fall trade, and the **New Melon** is especially for holliday trade and for shippers.

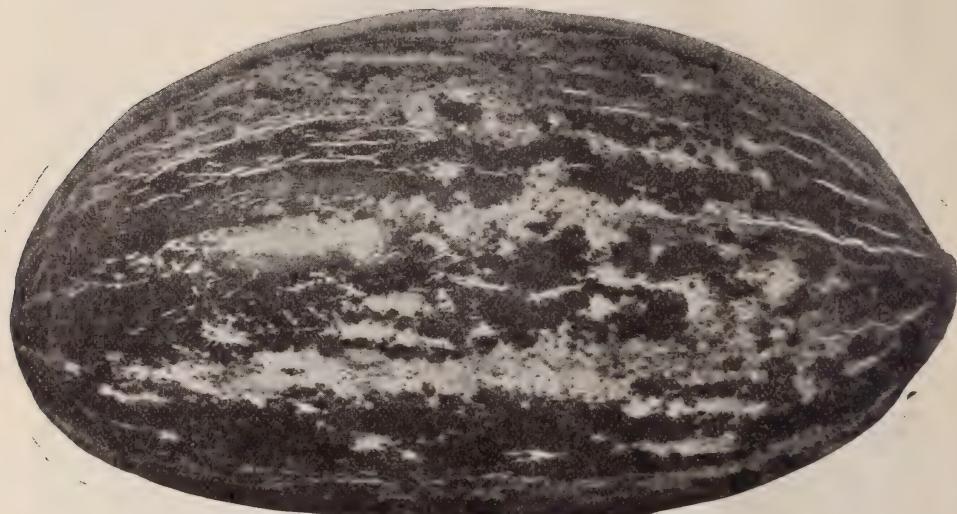
# A NEW MUSKMELON.

## HOW WE OBTAINED THIS WONDER.

Hearing of this marvelous muskmelon we procured at great cost ten pounds of seed, all there were in the world, as well as all the melons.

Descriptions of our new melon (see cuts.)

The rind has the appearance of the mottled Pomegranate Muskmelon. The shell is hard and about one-eighth of an inch thick. There is no seed cavity. The seeds are embedded in a jelly-like pulp. The light green flesh is absolutely stringless. Its flavor is as nearly like the Ambrosia of the Gods as anything we know. It is beyond description. To taste it is to realize the truth of this statement.



The New Muskmelon.

**DIRECTIONS FOR GROWING:** Plant in April or May. Cultivate as other muskmelons, but do not water too generously after first setting of melons is fully grown. Do not pick until the light streaks have become quite yellow. Pick in September or October. They will keep from three to six months. When stored away these melons become very fragrant and the rind becomes slightly softened and moist, then they are ready to eat.

**OUR PROPOSITION:** We propose to sell 80 oz. of the seed at \$2.00 per oz. or in packets at 50c each. The few melons we have we will sell at \$1.00 each. The seeds in each melon will be worth the price. We make this proposition so that the public may have the opportunity to become acquainted with this new and unexcelled melon.

**OUR PROPHECY:** We prophesy that in 1908 this muskmelon will be the most popular fall melon in the Los Angeles market. In 1910 it will be called for from every part of the United States, and the shippers will be sending our new melon East in carloads. Its place will be established in the commercial world as firmly as apples or oranges.

**TESTIMONIAL.**

Mr. Mathews of the firm of Ludwig & Mathews, fruit shippers, says of it: "We need a good muskmelon that can be shipped to the Eastern market for the holiday trade. The Casaba hardly answers the purpose, because of its soft rind it will not carry. Judging by the appearance, the excellent flavor and by what you claim for it, I believe you have just the melon the shippers have long wished for. We will handle it as soon as they can be procured."

**The New Melon.**

Notice the thickness of the flesh from end to end.

**OUR OFFER.**

**WE WANT YOU TO NAME IT.** We offer \$5.00 for the most appropriate name suggesting its excellence and long keeping qualities; also \$5.00 for each of four accepted testimonials that will not exceed one hundred words, yet describe the melon. The only condition is that you purchase a melon; don't fail to leave your name and address. Contest will be decided March 1st, 1907.

**The New Melon.**

Notice absence of seed cavity.

**Jenny Lind.** For the last three seasons this melon has commanded marked attention because of its beautiful appearance, the excellence of its flavor and ready sale. Mr. John Trapp says of it: "You never cut a bad one, there are no culls. The flavor is better than any of the larger varieties. I always sold out before anyone else. Rivers Bros. and Lamb Fruit Co. usually bought all I had and placed orders ahead." Melons from our California grown seed will average twice as large as from Eastern grown seed. Pkt. 5c; oz. 10c; lb. 75c.

See No. 9, Page 31.

## MUSKMELONS—Melones de Castilla.

Como existen muchas variedades de suma excelencia, contando entre ellas con las, principalmente, que se encuentra designadas en los párrafos siguientes, podemos reomendar á nuestros marchantes cualquiera de ellas por ser toda que uno pueda desear de la semilla. Para tempranez sea mejor el plantar "Pineapple," "Jenny Lind," "Columbus" ó "Tip Top." Para la cosecha de mas tarde se les ofrecen las "Hybrid," "Casaba" y "Winter Pineapple." La última nombrada se conserva bien hasta Marzo. Por libra 75 ctvos; Casaba, por libra \$1.50; Pineapple por libra \$1.00.

**Culture.** Sow in hills six feet apart in rows eight feet apart. Drop about twenty seeds to the hill; cover one inch deep. To avoid the cucumber beetle cover the hills at the time of planting with cheese cloth about eighteen inches square placed over two wires bowed over the hills at right angles. Also apply J. & M. Insecticide before the plant appears above the ground. The beetle will not come near the spot. J. & M. Insecticide will destroy aphis as well as the beetle, and its actual application will save the crop.



R. Yanez.  
Gautier's Pineapple all sold.



Winter Pineapple.

Casabas should never be eaten until thoroughly ripened.

**J. & M. Hybrid Casaba.** M This excellent Casaba grows to large size. Flesh nearly three inches thick and of excellent flavor. Many of you who have visited the market during the months of October and November must have noticed the great demand for this melon and the fancy prices paid for it. Only a few growers had it in large quantities and they sold for \$2.50 a crate, while in January it sold for \$2.50 a dozen for smaller sizes. It is a rampant grower, a large yielder and bears up until killed by frost. The best time to plant is in June and July, and do not market them until well ripened. The increased demand for this melon will insure it a profitable late crop. Price, Pkt. 5c; oz. 10c; lb. \$1.00.

**Winter Pineapple or Casaba.** M Its peculiar shape and corrugated skin are quite accurately shown in the cut. Rind very thin, of a rich yellow color tinged with green. Flesh firm; light green in color; delicious pineapple flavor; a wonderfully long keeper. Melons seldom ripen on the vine, but should be carefully picked off after the first frost and stored like squashes in a dry, cool place. Bring into a warm room a few days before using. If carefully handled they may be kept late in the winter. (Per oz. 15c; lb. \$1.00. If this delicious melon were introduced into the Eastern cities a profitable business could be created that would rival the growing and shipping of Hubbard Squash.



J. & M. Hybrid Casaba.

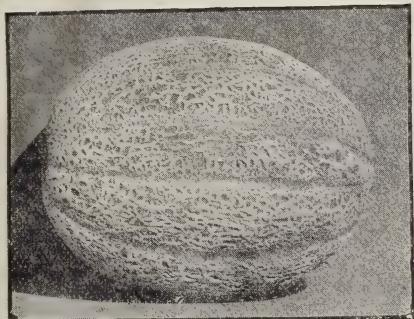
## MUSKMELON—Continued.

**Summer Casaba.** All who have tasted this melon say it is the most delicious in flavor of anything they have ever known in the melon line. The melon is large, heavily netted; flesh light green, very thick, and of a nut-meg flavor which is a delightful surprise to the sense of taste. Vines are strong and prolific. Per pkt. 10c; oz. 15c; lb. \$1.00.

**Whites Favorite.** For the home garden you can do no better than try this melon. It is large and of delicious flavor. Pkt. 5c; oz. 10c; lb. \$1.00.



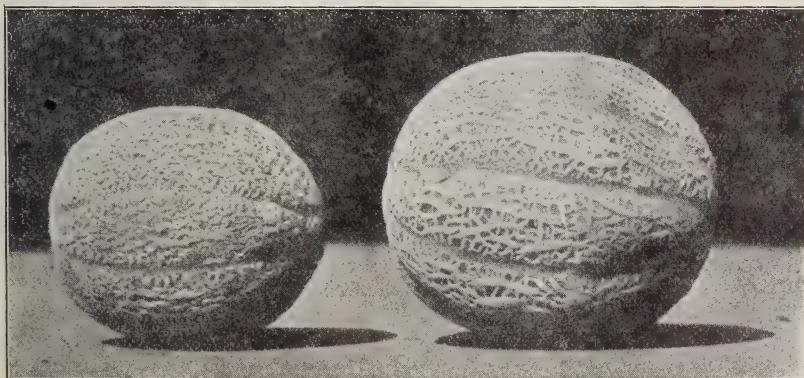
Summer Casaba.



The Model.

**The Model. M** This melon was introduced by us two years ago and is here to stay. It is as early as the Rocky Ford, about double the size, and of excellent flavor and appearance. Price per oz. 10c; lb. \$1.50.

**J. & M. Triumph.** Mr. C. F. Richardson of San Gabriel, grew some of these melons last season. He was so highly pleased with it he brought some of them to the store to show what a desirable melon it is, and ordered ten pounds of the seed for the next season. He says it is just the right size for the peddler to sell at five cents, and just right for the restaurant. See description below.



Rocky Ford.

J. &amp; M. Triumph.

**J. & M. Triumph. M** This melon is new to this section. About 100 pounds were distributed to growers last season, and all were enthusiastic in its praise. It is early, about twice the size of the Rocky Ford and of excellent flavor. A desirable melon for the restaurant and fruit vender. The above is a good likeness of the two melons showing comparative sizes. The Triumph is a good shipper and should supersede the Rocky Ford with all growers in any locality. We sincerely believe it is destined to be more popular. Price per pkt. 5c; oz. 10c; lb. \$1.50.

## MUSKMELONS—Continued.



Mr. Gautier and Son.



Buying Gautier's Pineapple.



Sandoval Bros. made a fortune selling Gautier's Pineapples.

See number of melons on opposite page.

**Los Angeles Market.** (1) Averages larger than the Montreal. Green flesh, of fine texture and excellent flavor. We do not hesitate to pronounce this the best of all the larger varieties of Musk Melons. Pkt. 5c; oz. 10c; lb. \$1.00.

**Large Hackensack.** (2) Sometimes called Turk's Cap. A large, round melon, flattened at the ends and well ribbed. The skin is deeply netted. The flesh is green, of delicious flavor. It is a strong grower, and is very productive. An old standard melon, in favor with market gardeners. Pkt. 5c; Per oz. 10c; lb. \$1.00.

**Montreal Market.** (3) Large size and delicious flavor. Often grows to a weight of 20 to 25 pounds. One of the best market sorts and a good shipper. Per oz. 10c; lb. \$1.00.

**California Beauty.** (4) This grand extra early muskmelon was introduced by us in 1898. Its appearance sells it on sight and its delicious flavor never disappoints the most fastidious customer. It is the largest extra early sort. Flesh deep green in color. It is very regularly ribbed and deeply netted. Per pkt. 5c; oz. 10c; lb. \$1.00.

**Tip Top. M** (5) (Yellow flesh.) This is a fine, round melon of such attractive appearance as to always sell quickly in the markets. It is sweet, juicy and delicious. The flesh is firm, but not hard, and is edible almost to the rind. The melon is of medium to large size, and is one of the best of the yellow fleshed sorts. Pkt. 5c; oz. 10c; lb. \$1.00.

**Large Green Nutmeg** (6) An excellent melon for the table, for the grower and for the shipper. Similar to the Hackensack shape, heavily ribbed and heavily netted. Pkt. 5c; oz. 10c; lb. \$1.00.

**Champion Market.** (7) A very popular early melon. Similar to the Rocky Ford in appearance, but double the size. In flavor it cannot be surpassed. Oz. 10c; lb. \$1.00.

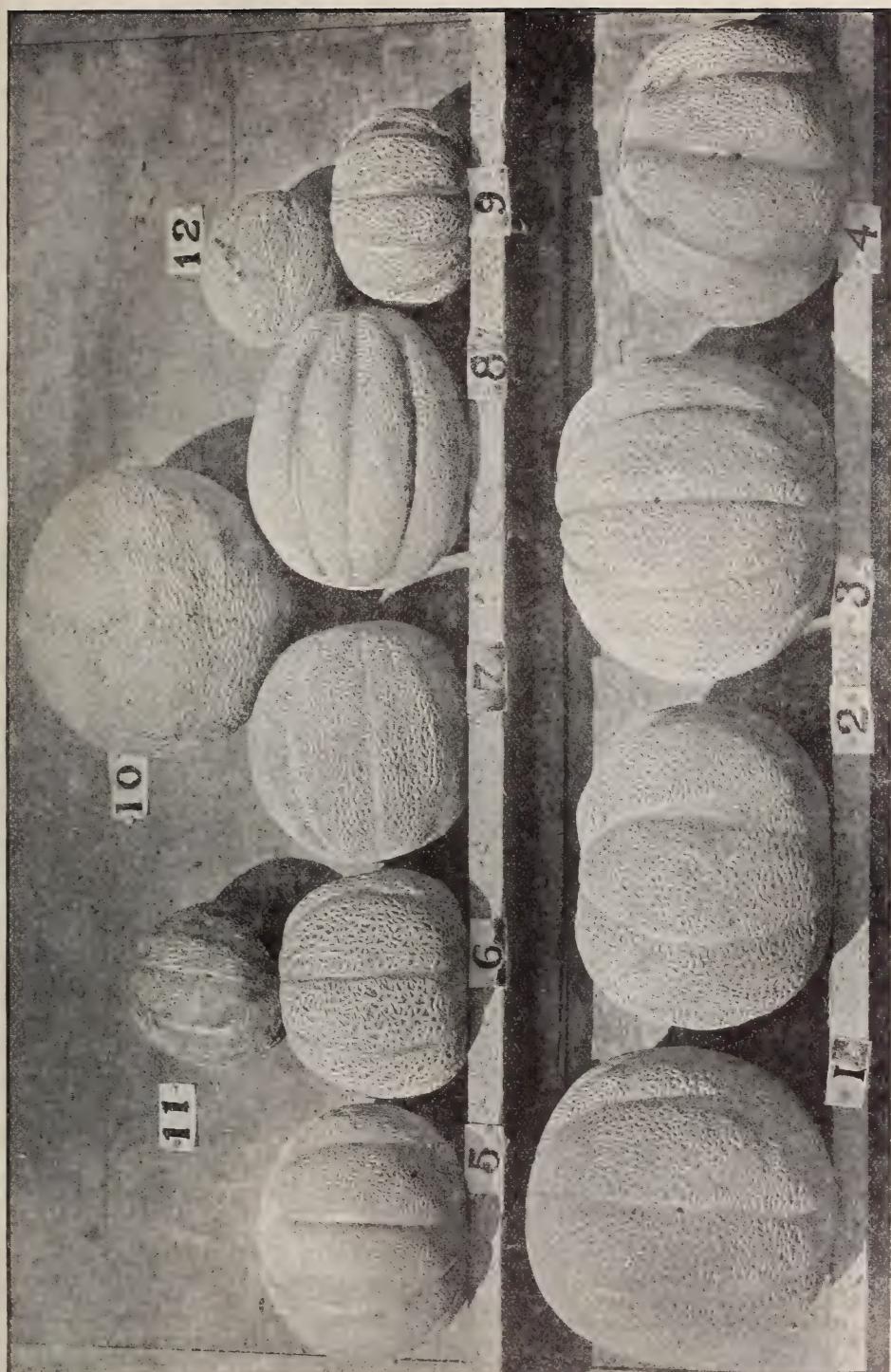
**Gautier's Pineapple. M** (8) This melon needs no further description here; the name sells it. Its the melon for profit; everybody wants it, and gladly pay \$1.00 a pound for the seed. These gentlemen have made fortunes selling Gautier's Pineapple Muskmelon. Price, Pkt. 5c; oz. 10c; lb. \$1.00.

**Jenny Lind.** (9) Description Page 27.

**The Columbus.** (10) A green-fleshed melon. Its beautiful buff skin is covered with a very thick whitish netting, Almost entirely free from ribs. The flesh is solid and thick, even at the blossom end, leaving only a small seed cavity. Can be safely shipped long distances. Pkt. 5c; oz. 10c; b. \$1.00.

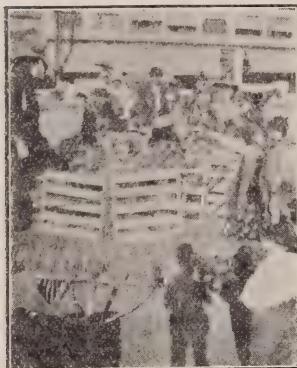
**Paul Rose. M** (11) A very heavy cropper, ripening an enormous number of fruits. The flesh is salmon-colored, very deep, and of fine, melting character, with thin rind and small seed cavity. It is growing more popular each year. Per oz. 10c; lb. \$1.00.

**Rocky Ford.** (12) The flesh is deep and thick, and light green in color, except next to seeds, where it inclines toward a yellow. The flavor is exceedingly fine. The skin is regularly ribbed and thickly netted. It is a firm, solid melon and will carry in perfect condition for a week or more after its removal from the vine. It is a heavy cropper, and in wide favor as a market melon. Pkt. 5c; oz. 10c; lb. \$1.00.



## WATERMELON—Sandías.

La "Agusta Round White" y la "Chilian" son los nombres de las dos variedades que mas destacan en la plaza y relucen en la mesa. Por libra 75c.



A Four-Horse Load of Chilian.

Mr. Ludlow of Burbank last season planted the seed from one melon, and is enthusiastic in praising its good qualities; he thinks it will supplant the Chilian in popularity as it is more like the original Chilian than the modern Chilian melon is now. He will plant ten acres next season, believing it will meet the popular demand.

**Culture.** Plant from March to July in light, sandy loam. Prepare the soil well by deep plowing and thorough harrowing and ridge up slightly. Plant in hills ten feet apart, ten to twenty seeds in a hill to enable the sprouts to find their way to the surface. Do not plant more than two inches deep. Make two arches at right angles with wire 18 inches long. Cover with a piece of cheese cloth one-quarter yard square, to be absolutely safe from insects. When the tent is crowded remove. After the plants have become hardened, thin out to three in a hill.

**Rule's Improved Chilian.** This is an entirely new melon. It is a sport from the Chilian, but proved to be superior to the Chilian that M. H. Rule of Anaheim, who knows a good thing when he sees it, saved the seed from several melons in this one hill, and planted them apart from other melons, and now has quite a distinct watermelon, with rind a very light green with black stripe; shaped like the Chilian, very thin rind and even more delicious flavor.



Rule's Improved Chilian Watermelon. (Note the thin rind.)

We have preserved a melon in a jar that may be seen at our store. We have only a few pounds of seed, and in order to distribute it as widely as possible we offer it in  $\frac{1}{4}$  lb. packets at \$1.00 each.

**Our Seed Pure.** Of 3000 pounds of Chilian melon seed sent from our house last season, every pound was pure. We have not had one complaint traceable to our seed, and we are sure of a similar record this coming season. We know our seed and do not hesitate to recommend it; and would guarantee its purity but for the carelessness of planters who sometimes forget where their seed is purchased, and because of unscrupulous dealers who have advertised their seeds as coming from Johnson & Musser, while they never purchased a pound from us.

## WATERMELON—Continued.



Chilian.

**The Chilian** is the melon for profit. More than 5000 pounds of seeds of this variety were planted last season. It is the popular watermelon that was shipped so extensively from Coachella. Chicago dealers are now asking for this melon. The red seeded Chilian is acknowledged to be the sweetest melon. We have secured a limited supply of the red seed, for many of our customers prefer it. Our seed is pure. Price, per pkt. 5c; oz. 10c; lb. 75c.

For those who wish the old dark and thin rind Chilian of smaller size, we have it pure, but only a limited quantity. If you wish it ask for it.

Mr. C. F. Richardson planted two acres to Chilian July 15th. In November he marketed first-class melons at a good price.

**Georgia Rattlesnake.** Largest of watermelons; popular market sort. Per oz. 10c; lb. 50c.

**Kolb's Gem.** Attractive; excellent keeper; large, productive. Pkt. 5c; oz. 10c; lb. 50c.

**Florida Favorite.** Oblong, large size, flesh light crimson, fine quality. Very early. Per pkt. 5c; oz. 10c; lb. 60.

**Augusta Round White**, next to the Chilian, is the best melon in the world. Its flavor is better than the Chilian, sweet to the white rind. For home gardens it is the most desirable of all melons. It is a favorite with Arizona gardeners. Everyone who has a garden should have a few hills of the Augusta White Round. Price per pkt. 5c; oz. 10c; lb. 75c.

**The Santiago Melon.** This is a new variety, having many of the good qualities of the well known Chilian. It is a large, long, heavy melon; rind dark green with stripes of black. The flesh is deepest red and solid throughout, the edible portion extending to within half an inch of the skin. The rind is very hard and it makes a good shipper. The seeds are small and vary in color. Per pkt. 5c; oz. 15c; lb. 75c.

**Yellow-fleshed Ice Cream Watermelon.**

This melon is already well known in the Los Angeles market, where its popularity is so great that the supply has never equalled the demand. It resembles no other yellow-fleshed melon, either in quality or appearance. It grows to a very large size, is long in shape and the rind an even dark green. In quality it is simply delicious, sugary and of a rich flavor peculiar to itself. Entirely void of all fibrous substances, the sweet flesh truly melts in the mouth like so much ice cream. Per pkt. 5c; oz. 20c; lb. \$1.50.

**Kleckley's Sweet.** It is the finest of all watermelons for home use and near-by market. The vines are strong and vigorous, and the fruit grows uniformly to quite large size; oblong in form, 18 to 20 inches long and 10 to 12 inches in diameter, rather tapering at the ends. The skin is a dark rich green, while the flesh is bright scarlet, ripening close to the skin, the rind



Kleckley Sweet Water Melon.

## WATERMELON—Continued.

being only one-half inch in thickness. The rich bright scarlet flesh is crisp, sugary and melting to the highest degree, being entirely free from any stringiness. Per pkt. 5c; oz. 10c; lb. 75c.

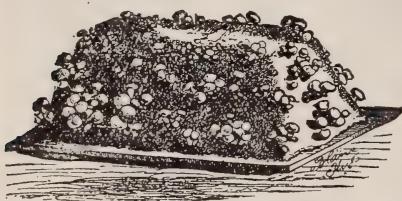


The Santiago Melon.

## MUSHROOMS—Las Setas.

En capas, con las direcciones que é ellas corresponden, para el cultivo necesario de todo que á las setas toduen. Precio por ladrilla, 15 ctvos.

One of the most profitable crops for the outlay that can be grown. The market is sure, because the supply never equals the demand. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at 50 to 75 degrees.



Mushrooms.

From some old pasture procure good rich soil and store it away. To every bushel of this add two bushels of fresh horse manure. Of this well mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and so on until the bed is 12 to 18 inches thick. It soon becomes pretty hot, but let the heat re-cede until it is only 85 to 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut to each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about 12 days; then cover the bed with 2 inches of fresh loam, and over this put 4 or 5 inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect mushrooms. The beds will continue bearing from 20 to thirty days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water and cover with hay as before. The main conditions in mushroom growing are proper and uniform temperature and very rich soil. One pound of spawn is sufficient for a bed 2x8 feet. We import our spawn from the best makers in England.

**Pure Culture Spawn.** Put up in bricks. Per brick 15c.

Again we wish to call your attention to the **Gautier's Pineapple Muskmelon**. Mr. Wetmore of Price & Wetmore, Hollywood, says of it: "We had the advantage of all other sellers in Santa Monica. We could not meet the demand for our melons. Then, too, I never thought a melon could yield so enormously, with practically no culls."



**MUSTARD—Mostaza.**

Hsy muchas variedades, pero la "Southern Curled" es la que nos sirve lo mejor para dar á la mesa la mas tierna y sabrosa de hierbas de que se hagan verdura ó buen ensalada. Por nza 10 ctvos; libra 50 ctvos.

**Black or Brown.** Per pkt. 5c; oz. 10c; lb. 40c.

**White.** Better for salad or culinary purposes. Pkt. 5c; oz. 10c; lb. 40c.

**Chinese.** The leaves are twice the size of the ordinary White Mustard, while the flavor is sweet and pungent. Pkt. 10c; oz. 20c; lb. \$2.00.

**Southern Giant Curled.** The true curled-leaf variety so popular in the South for planting in the fall, to furnish an early spring salad. Per pkt. 5c; oz. 10c; lb. 75c.

**Ostrich Plume Mustard** is delicious as well as ornamental, as the picture shows the leaves to resemble ostrich plumes, whence the name. Pkt. 25c; oz. \$1.00.

One has little idea of the quantities of mustard greens sold at the Central Market. The Chinese mustard leads all other varieties. The Southern Curled is a good seller, but few are growing it. One gardener reported that he found ready sale for all that he brought in. It should be sown from November 1st to February 1st, to meet the greatest demand.



Mustard Ostrich Plume.

**NOTICE.**

Owing to the failure of onion seed crops for two successive years, it has been necessary to advance prices of all varieties. It is so scarce that we would be unable to replace our stock of onion seed at the prices we have here catalogued. We have carefully tested all our seed and rejected any that was not of strong vitality.

Chinese Mustard.

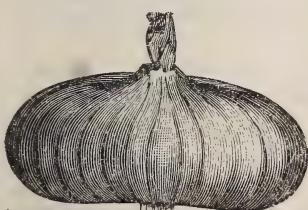
**ONIONS—Cebollas.**

La "White Queen" goza la distincion de ser la que mas tempranal entre las cebollas. Por libra \$1.50; mientras que "Prizetaker" es la mas gigantesca, vendiendo, por libra, \$1.25. "Red Wethersfield" y la "Yellow Danvers" son de todas, las mas brolificas: em para la aridez las "Red" y "White Bermudas" salen con mayor éxito. Por libra, \$2.00.

**Culture.** No crop is so liable to variation by cultivation and soil as the onion. Having rich soil with too much irrigation will produce thick-neck scallions, while the same soil well drained would produce the finest onions. A sandy loam well fertilized is best.

**Extra Early Red.** This onion is as popular with San Francisco market gardeners as our Extra Early White Queen is here. It is a better keeper than the Queen and should be grown more extensively. Consult your shipper; he will tell you the red onion from Sacramento is preferred to your white onion in the Eastern cities. Pkt. 5c; oz. 15c; lb. \$1.50.

**Mammoth Silver King.** The large bulbs are of attractive form, flattened, but quite thick through. Under good cultivation the average diameter is from five to seven inches, single bulbs often attaining a weight of from two to three pounds each. The thin skin is a clear silvery white, flesh snow-white, sweet and tender. They grow quickly, mature quite early. Pkt. 5c; Oz. 10c; lb. \$1.75.



Earliest White Queen.

## ONIONS—Continued.

**Earliest White Queen.** While California produces the best onion seed in the world, we are obliged to import from Europe our earliest varieties. For ten years our Imported Extra Early White Queen has been the leading early market variety; it cannot be excelled. On rich soil it grows to six inches in diameter, but ordinarily it is 3 to 4 inches. It has a mild flavor. Once tried you will want no other. Per pkt. 5c; oz. 20c; lb. \$2.00.



Globe Danver.

**Prizetaker.** A beautiful variety, very large size, often weighing from three to four pounds each. The outside skin is of a rich yellow color, while the flesh is white and very mild and sweet. Per pkt 5c; oz. 15c; lb. \$1.75.

**Yellow Globe Danvers.** M Extensively grown as a main crop. A beautiful golden color, quite early, neck small, very desirable, and a good shipper and keeper. Per pkt. 5c; oz. 10c; lb. \$2.00.

**Yellow Flat Danvers.** A splendid onion for either market or home use. Similar to above. Per pkt. 5c; oz. 10c; lb. \$2.00.

**Australian Brown.** M Is undoubtedly desired more by shippers because of its good keeping qualities than any other variety. It has not proven so profitable to growers because its habits are less understood. On account of improper culture the average crop has been below the normal crop of other varieties, but when grown on rich sandy soil, with sufficient water, it will produce more pounds per acre than the Prizetaker. It is a good onion and has come to stay. Per pkt. 5c; oz. 10c; lb. \$1.75.



Australian Brown.

**Southport White Globe.** A beautiful, large, white globe variety; also one of the best to sow for bunch onions. Per oz. 15c; lb. \$2.00.

**White Portugal.** Ripens early. A good keeper. Per pkt. 5c; oz. 20c; lb. \$2.00.

**Large Red Wethersfield.** Large size and fine form. Skin deep red. An old standard sort; very productive; an excellent keeper. One of the best for main crop. Per pkt. 5c; oz. 10c; lb. \$2.00.

Owing to the failure of the onion seed crop for two successive years, it has been difficult to secure good fresh seed. Our seeds have all been carefully tested. You run no risk.

Southport White Globe.



White Portugal.

The earliest onions are grown from sets planted in August and September. This brings them into the market in January and February, when prices are highest. About 200 pounds of sets will plant one acre, or 5 pounds of seed is required.

**Bunch Onion.** Good White Onion Seeds for green onions always carried in stock. Per lb. \$1.25.

We are headquarters for the finest sets that are grown anywhere in the world.

**Australian Brown, Yellow Danver, White Pearl, White Bermuda, Silverskin and Red Wethersfield.** Per lb. 15c; 100 lbs. \$10.00.



Onion Sets.

## ONIONS—Continued.



Bunch Onions.

**White Bermuda.** Per pkt. 5c; oz. 20c; lb. \$2.50.

**Red Bermuda.** Per pkt. 5c; oz. 20c; lb. \$2.00.

Our seed was imported, by us, direct from Canary Islands. It is of 1906 crop.

The Bermuda Onion, both the red and white, have by now been thoroughly experimented with and we are prepared to advise intelligently, that our customers may avoid costly errors that have heretofore been the result of inexperience.

The Bermuda Onion thrives well and grows to perfection on the desert during the winter season. But nearer the coast, while it grows to perfection when planted in February or March; it is a waste of energy to plant it in the fall. Sets planted in August grew to nearly mature size in December, but owing to the rains went to seed, while seed planted in August and September, produced an onion not larger than a walnut. From Indio to Calexico the Bermuda onion is a success, but along the coast should be planted only after January.



## OKRA : GOMBO—Quimbombó.

La "White Velvet" es la clase que podemos recomendar por ser estimada sobre todas las demás variedades. Por onza 10c; libra 60c.

**Dwarf Green Prolific or Density.** A distinct variety, growing about 14 inches in height. Very productive, of fine, smooth pods. Per pkt. 5c; oz. 10c; lb. 60c.

**White Velvet.** M This distinct and beautiful new okra was originated in Georgia. The pods are very large, perfectly smooth, never prickly, round, not ridged or square, as in other okras. Per pkt. 5c; oz. 10c; lb. 60c.

**Mammoth Long Podded.** This distinct new okra is by far the best. It was originated by M. P. Perkins, a well-known New Jersey trucker, after many years of careful study and selection. Its productiveness is simply wonderful. The pods shoot out from the stalk within three inches from the ground, and the whole plant is covered with them to the extreme height of the plant. The pods are an intense green color, of unusual length, 8 to 9 inches, very slim, and do not get hard, as is the case with other okras. It is also much sought after by canners, being the best of all green sorts for canning for winter use. Per pkt. 5c, oz. 10c; lb. 60c.

## COVINA PEA EXPERIMENT.

**COVINA**, Nov. 16.—F. P. Baldosaer, who for years has grown strawberries successfully and profitably for the Los Angeles market, finds that there is good money in growing green peas for the same market. He planted this year two and one-half acres as an experiment. He commenced shipping three weeks ago and has already marketed five tons, with half the crop yet on the vines. His returns to date have netted him \$80. a ton.—*Los Angeles Times*, Nov. 28th.

Gardeners, please notice the date of this article. Those peas were planted about the middle of August.

**PARSLEY**—Perijil.

Champion Moss Curled.

Entre todas las clases jamás se ha de faltar la "Champion Moss Curled." La libra, 5c.

**Champion Moss Curled.** M Extra dark leaves. Leaves crimped and curled, giving a most beautiful decorative appearance. Per pkt. 5c; oz. 10c; lb. 75c.

**Emerald or Dwarf Extra Curled.** Leaves tender, beautifully crimped; handsome, bright green color, very ornamental. Per pkt. 5c; oz. 10c; lb. 70c.

**Extra Double Curled.** An old curled variety for garnishing. Per pkt. 5c; oz. 10c; lb. 65c.

**Plain or Single.** Per pkt. 5c; oz. 10c; lb. 50c.

**Hamburg, Turnip Rooted.** Fleshy vegetable roots, for soups, etc. Per pkt. 5c; oz. 10c; lb. 75c.



Georgia Improved Peanut.

**PEANUT**—La Cacahuate.

Ofrecemos la "Southern Improved" por motivo de su segura satisfaccion en la cosecha.

**Georgia Improved Ground Pea or Peanut.** This variety is much superior to the ordinary peanut, yielding fewer imperfect pods and combining earliness, productiveness and size; yields on ordinary land about 100 bushels to the acre. Per lb. 10c; 100 lbs. \$8.00.

**PARSNIP**—Chirivía.

La "Devonshire" es la de mas preferencia porqué es la mejor. Por, libra de á 10 ctvos; cien libras por \$8.00.

**Culture.** Sow from September to following May in drills 15 inches apart, covering  $\frac{1}{2}$  inch deep. When well up thin out to 5 or 6 inches in the rows. The seed is slow to germinate, hence should be sown as early as possible. Cultivate frequently. One ounce to 200 feet of row; five pounds to the acre.

**Devonshire.** M This parsnip was recommended to us by our European grower two years ago. To-day it is the most popular parsnip with our market gardeners. It is scarcely more than half as long as the Hollow Crown, but it is often three inches in diameter. Tender and has an excellent flavor. Per pkt. 5c; oz. 10c; lb. 50c.

**Hollow Crown.** Has long been a favorite on account of its excellent table qualities. Per pkt. 5c; oz. 10c; lb. 50c.

**Short Round French.** Very desirable for early cropping. Not so tender as the longer rooted varieties. Per pkt. 5c; oz. 10c; lb. 50c.

## Up-to-Date. The Latest Seed Testing Device.

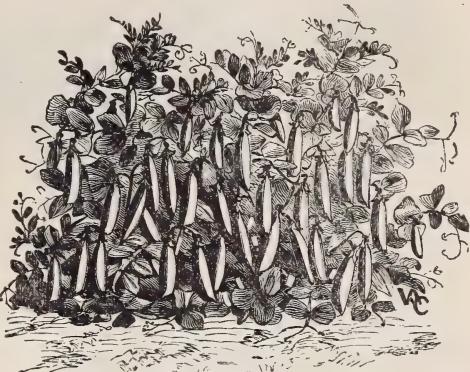


Always looking to the welfare of our customers, we have procured the above Up-to Date Seed Testing Device. It quickly germinates any seeds that will grow at all. By testing our seed we avoid the possibility of customers having all the trouble and expense of planting seed only to be disappointed.

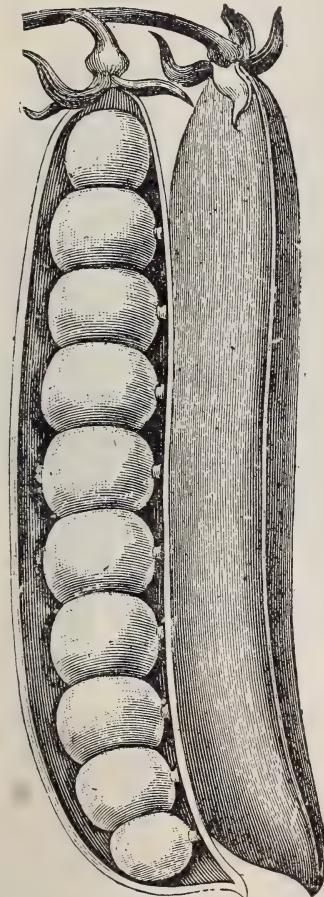
## PEAS—Chícharos : Guisanues.

La "Yorkshire" es la mas productiva de su clase, como de un sabor superior para la mesa. Por libra de á 10c; por el importe se cobra un décimo extra en cada libra.

**Culture.** May be sown in California the year round. Peas mature earliest in light, rich soil, but for general crop a moderately heavy soil is best. Sow in rows from  $2\frac{1}{2}$  feet apart, according to the variety. Two pounds of seed will sow 100 feet of drill, 50 to 60 pounds to the acre. In the following list will be found only those varieties which are desirable in this section. When ordering by mail add 10c per pound for postage.



American Wonder Pea.



Yorkshire Hero.

**Abundance.** Pods containing 6 to 8 large wrinkled peas of excellent quality. It ripens about one week after the earliest kinds. A feature of this variety is its remarkable tendency to branch out at the roots, and for this reason the seed should be planted thinly; height 1 $\frac{1}{2}$  feet. Per pkt. 5c; lb. 15c; 100 lbs. \$10.00.

**American Wonder.** The earliest of all wrinkled peas. Of dwarf habit, growing from nine to eleven inches high, and producing a profusion of good sized and well-filled pods of the finest flavor. Per pkt. 5c; lb. 15c; 100 lbs. \$9.00.

**Premium Gem.** Is a very desirable, extra early, dwarf, wrinkled variety, growing about 15 inches high. Very large, sweet, and of delicious flavor. Per pkt. 5c; lb. 15c; 100 lbs. \$8.00.

**Nott's Excelsior.** Although a few days later than the American Wonder, the pods will average fully one third larger, containing 6 to 8 large peas so closely packed together that they become flattened. Per pkt. 5c; lb. 15c; 100 lbs. \$9.00.

**Yorkshire Hero.** M. The most popular market pea in this section. Abundant cropper and excellent in quality. Height 2 $\frac{1}{2}$  feet. Per pkt. 5c; lb. 10c; 100 lbs. \$8.00.

**Telephone.** A fine tall variety, immensely productive. Height 4 feet. Per pkt. 5c; lb. 15c; 100 lbs. \$9.00.

**Dwarf Gray or Sugar.** (Edible pods.) Of extraordinary yielding qualities, and unsurpassed as an edible podded variety. Height 2 feet. Per pkt. 5c; lb. 15c; 100 lbs. \$10.00.

The Wiltfong or Pride of Cahuenga will not be offered this season on account of scarcity of stock, but we hope to be able to supplant the Yorkshire with it next season. Any gardener who once plants the Wiltfong will have no other.

See the results of the "Pea Experiment" on page 37. Gardening pays.

## PEPPERS—El Chile.

**Culture.** Seed may be sown from January to August in cold frames. When the weather is favorable, transplant in the open ground in warm, mellow soil, in rows 30 inches apart and 18 inches apart in the rows. One ounce of seed will produce 1500 plants.

Growing peppers, either for marketing green or dry, is one of our most profitable crops. Realizing this, we have procured from Europe seed of the largest types, and recommend them to all our gardeners to give them a trial in this climate.

**Floral Gem.** A small hot pepper for pickling, or to use as a pot herb. Per pkt. 5c; oz. 25c.

**Mammoth Ruby King.** M. Of immense size and the mildest of all varieties.

Ordinarily they grow from 4 to 6 inches long by 3 to 4 inches thick. Plant is of sturdy, bushy habit, and each one produces handsome fruit. Per pkt. 5c; oz. 25c; lb. \$3.00.

**Anaheim Chili.** In this chili Southern California should feel a personal pride. It is of local origin, and as we are always on the lookout for the best of everything we discovered this excellent pepper already popular in the Anaheim section, but little known elsewhere. We now buy the peppers and take the seed from them, so we are enabled to positively guarantee our seed true to name, and the best of its kind. Price, per pkt. 5c; oz. 25c; per lb. \$2.50.



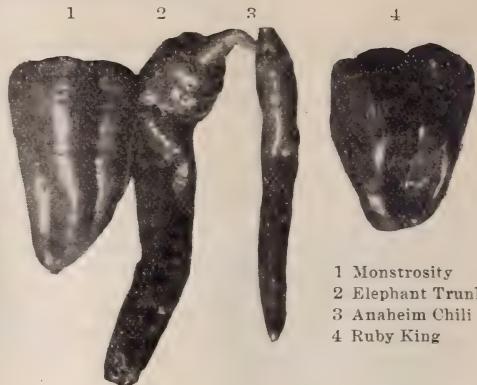
Bell.

**Creole, or Bird's Eye.** A distinct variety, fruit very small, round and very hot. Per pkt. 5c; oz. 25c.

**Dwarf Chili.** Same as Tobasco but twice as large. Per pkt. 10c.

**Red Cluster.** A very short, heavy-set bush, almost a solid cluster of small peppers of  $\frac{1}{2}$  inch in length. Per pkt. 10c.

**Tobasco.** The Tobasco Sauce has a national reputation for flavoring soup, oysters, meat, etc. The plants develop into large bushes bearing profusely the little bright peppers in sprays. A mature pepper measures about one inch in length. These peppers are extremely hot and fiery in flavor. Pkt. 10c; oz. 25c.

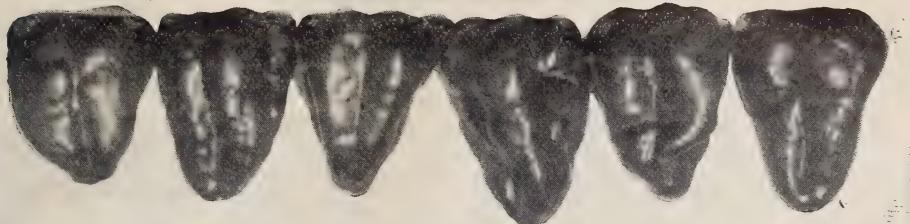


1 Monstrosity  
2 Elephant Trunk  
3 Anaheim Chili  
4 Ruby King



Anaheim Chili.  
Nearly 10 inches long.

## PEPPERS—Continued.



A row of  
Monstrosity.  
Peppers.



Ruby King. One stalk with fifty-four peppers Nov. 10th.

**Monstrosity.** M. This pepper was imported by us two years ago, and only last season it had the first fair trial, which proved highly satisfactory to the grower because of its weight and size. Both of these excellent qualities were used against it by some large buyers, claiming it was more expensive for making mangels. This looks like the monstrosity was overdoing a good thing, but for the private garden the larger the pepper the better, and the manufacturers of mangels usually want the largest they can get. Per pkt. 10c; oz. 40c; lb. \$4.00.

**The Elephant's Trunk.** This is a real curiosity. It is much larger than the Anaheim Chilli, but wrinkled, and shaped like an Elephant's Trunk. It is productive and has a mild flavor. Per pkt. 10c; oz. 40c; lb. \$4.00.

Pueda ser sembrado todito el año. El gran "Anaheim" asegura los nayoyes resultados srolíficos. El "Mexican Black Chile" es lo mas picante, miéntras que el "Ruby King" sea de mas gusto en la preparacion de la "enogada" "rayados" en sartén, "rellenos," etc. Por paquete, 5 ctvos; una onza por 20 ctvos.

This stalk of Ruby King pepper was grown by C. F. Richardson of San Gabriel. After taking the picture the 54 peppers shown here were picked from it, and yet it had many small peppers and blossoms on every branch. This was on Nov. 10, after it had been picked all season. This strain of Ruby King came from Holland.

Our  
Pepper  
Seed  
is the  
best.



Elephant's Trunk.

## PUMPKINS—Las Calabazas.

Se siembra en Mayo sin necesidad de regar las plantas hasta que se alcanzan la cuarta de su tamaño regular. La variedad llamada "Large Cheese" es más favorida para el ganado; mientras que el "King of Mammoth" es más prolífico, y el "Yankee" da mayor gusto en la fabricación de los dulces y las golosinas. Por libra de a 50 céntimos.

**Culture.** Plant from April to August in hills 8 feet apart each way. Pumpkins are not so particular in regard to soil as melons, but in other respects are cultivated in a similar manner, though on a larger scale. One ounce for 15 hills, one pound to an acre.

**Cashaw or Crookneck.** Productive, color light cream. A good keeper; fine for pumpkin pie, sweet in flavor. Per pkt. 5c; oz. 10c; lb. 75c.

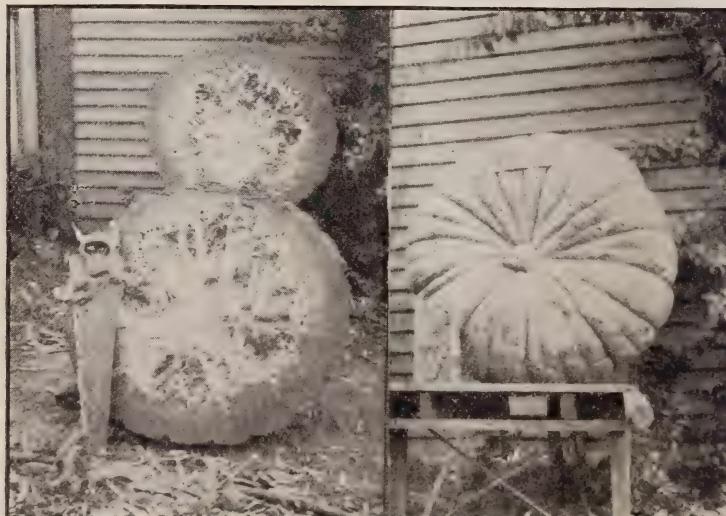
**Sugar or Boston Pie.** A small, handsome variety, and very popular. The skin is a deep orange yellow; flesh fine grained and sweet in taste. Per pkt. 5c; oz. 10c; lb. 75c.

**Thanksgiving Pumpkin.** The flesh and skin are a bright golden yellow color. Flesh fine grained and of excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, and is a splendid keeper. This enormous variety has been grown to weigh two hundred pounds. Per pkt. 5c; oz. 10c; lb. 75c.

**Estampes.** Very large bright red pumpkin; rind heavily netted and deeply ribbed, excellent for pie and for canning; also yields enormously. Its merit should make it a favorite all-purpose pumpkin. Per pkt. 5c; oz. 10c; lb. 75c.



495 lbs. California Mammoth.



Bright Red Estampes. Weight, 164 pounds.



Kentucky Field Pumpkin.

Mr. S. E. Günther of Owensboro, Ky., says: "We have found by experience that the Kentucky field pumpkin is the most prolific grown. The meat is thick, of a deep salmon color. It contains more sugar, more starch, and more nutriment, and is harder than any other pumpkin. By careful sowing of the seed, the variety has been improved to such an extent that as high as 1700 pounds of pumpkin have been taken from a single vine. On one pumpkin vine growing on our own place this year, we took 30 pumpkins with an average weight of 40 pounds to the pumpkin."

## PUMPKINS—Continued.

**Tennessee Sweet Potato.** Of medium size; creamy white, with light green stripes; flesh thick, fine grained, dry, brittle, and of excellent flavor. Unsurpassed for pies and custards. Per pkt. 5c; oz. 10c; lb. 75c.

**Japanese Pie Pumpkin.** Similar to the Cashaw in shape. None better for pies. Per oz. 10c; lb. 75c.

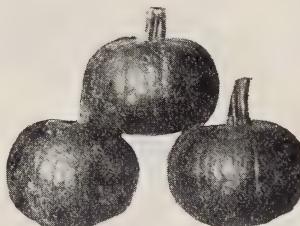
**Yankee Field Pumpkin. (The Jack o' Lantern.)** M This valuable pumpkin will be found a great boon to farmers with dairies, large or small. It greatly increases the flow of milk, besides imparting to it a rich color, and really adds to the flavor and the color of the butter of all cows fed upon it. Twelve tons to the acre is no unusual yield. If the land be manured liberally a full crop can be grown among corn. It is a most excellent keeper, and will be sure wealth to all who grow and feed it liberally. Per pkt. 5c; oz. 10c; lb. 50c.

**California Mammoth.** This is the large pumpkin so well known locally. As many as 20 tons have been taken from one acre. It not infrequently attains a weight of two hundred pounds. Price, per pkt. 5c; lb. 25c.

**Large Cheese.** This variety is locally called Sweet Pumpkin, and is grown more than any other of its kind for stock, because it is a good keeper, notwithstanding it has a soft shell. It is fleshy and very sweet; also very good for pie. Although largely used for canning only Eastern grown and pure seed is planted for canners' use. Price for Eastern seed per pkt. 5c; oz. 10c; lb. 50c. For local grown seed, per lb. 20c.

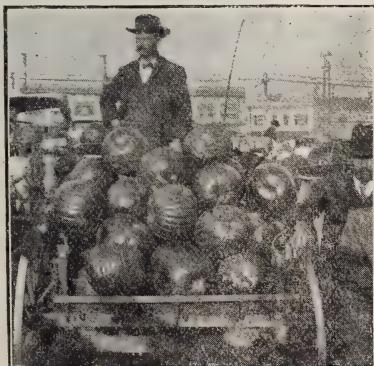


Large Cheese.



Sugar or Boston Pie.

Mr. Haughton of Moneta, was the largest grower of this pumpkin last season, and sold them readily at \$20.00 per ton.



John Trapp selling his Jack o' Lantern Pumpkins.

Mr. John Trapp of Vernon, plants the Yankee Field pumpkin each year to sell at Hallo'een for Jack o' Lanterns. They sell readily at a good price.



Cashaw or Crookneck.

**RADISHES**—Los Rábanos.

Se pueda sembrar todo el año. La "Scarlet Globe" sirve al hortelano mejor por el verano y la "California Mammoth" se le presta una buena cosecha invernal. Toda clase de venta en nuestros almacenes tiene muy buen sabor en la estación que toca a cada cual de ellas, y todos son más sabrosos en el invierno. Precio 5 ctvos; onza 10 ctvos; libra 50 ctvos.



Early Scarlet Globe.

**China Rose Winter.** A delicious radish, crisp, with little tendency to become pithy; a beautiful coloring from bright red at the top shading to almost pure white at the tip. Precio 5c; onza 10c; libra 50c.

**Early Long Scarlet.** Very brittle and crisp; color a bright scarlet; small top. Precio 5c; onza 10c; libra 50c.

**Scarlet Olive Shaped.** Quite early; very crisp. Precio 5c; onza 10c; libra 60c.



China Rose Winter.

**Crimson Giant Turnip.** A variety extraordinary in that, while growing to an unusually large size, it is always tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time, and, unlike other forcing varieties, does not become pithy even when twice their size in diameter. Root turnip shaped; color a beautiful crimson carmine; flesh firm crisp and tender. While very desirable as a second early forcing variety, we especially recommend it for outdoor planting. Precio 5c; onza 10c; libra 75c.

**Culture.** Seed may be sown the year round in California. Radishes thrive best in a light, sandy loam, made rich by some good manure. Sow in drills, 10 to 12 inches apart. An ounce of seed will sow a hundred feet of drill, ten pounds to the acre.

**Early Scarlet Globe.** M. One of the earliest and best sorts for forcing; its color is very handsome; flavor very mild, crisp and juicy; stands a great amount of heat without becoming pithy. Precio pkt. 5c; onza 10c; libra 50c.

**Round Black Spanish.** Skin black, flesh white, of firm texture. Precio pkt. 5c; onza 10c; libra 60c.

**French Breakfast.** A splendid variety, medium-sized, olive-shaped. Very crisp and tender; of a beautiful scarlet color. Precio pkt. 5c; onza 10c; libra 50c.

**White Tipped Scarlet Turnip.** An early variety, of medium size and excellent flavor, and of a very handsome appearance. Precio pkt. 5c; onza 10c; libra 50c.

**Chartier.** A distinct, exceedingly handsome and attractive sort; color of top is scarlet rose, shading into pure waxy white at the tip. Attains a large size before it becomes unfit for the table. Precio pkt. 5c; onza 10c; libra 50c.

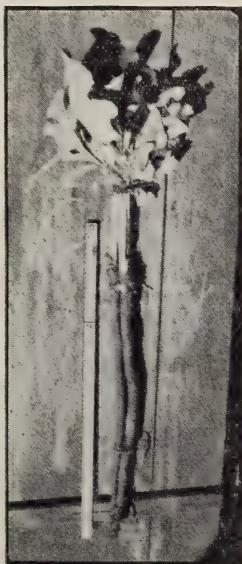


Chartier.

## RADISHES—Continued.



Count Itano.

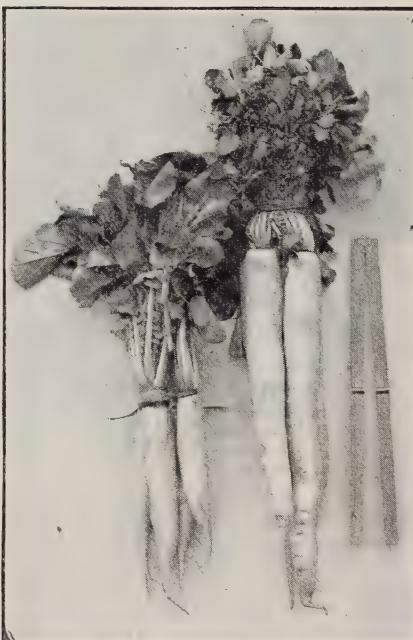


Japanese Horse Radish.

**Japanese Horse Radish.** This is not only a curiosity but a valuable vegetable. In appearance the leaves resemble Horse Radish, but as the picture shows, the root grows to three feet in length and scarcely more than an inch in thickness. In flavor the uncooked root is a blend of the artichoke and parsnip. Prepare and cook it as you do oyster plant and it is a most excellent and delicious vegetable. Price, per pkt. 20c.

Mr. Watanabe of the Laguna Ranch, is the principal grower of this vegetable, and finds ready sale for the roots.

**Early White Globe.** Grows quickly; skin very white, flesh white and crisp. Per oz. 10c; lb. 50c.



Winter.

Summer.

**California Mammoth.** Pure white; the flesh is tender and crisp, keeps well. Per oz. 10c; lb. 50c.

**Long White Icicle.** The finest long white radish in cultivation. Beautiful shape; skin and flesh pure white; crisp; rapid grower. Per oz. 10c; lb. 60c.

**A Good Horse Radish.** Horse radish is always in good demand and pays well, realizing as high as \$300 per acre. However, you must have the proper conditions, namely, a medium, heavy soil and plenty of water. It might be advisable to experiment with 100 roots on your land, which will give you a good start if favorable. Roots, per 100, 50c; per 1000 \$4.00.



Horse Radish.

## RHUBARB OR PIE PLANT—Ruibarbo.



Burbank's Crimson.

Semilla sembrada en Febrero producerá dentro de catorce meses si bien regado y cultivado. "Victoria" es la variedad mas grande. "Crimson Winter" es el mas prolífico. "Victoria" pkte 5et; onza 15et; libra \$1.00. "Crimson" pkte 10et; onza 50et; libaa \$10.

**Culture.** Sow the seed early in spring in drills one foot apart, thinning out the young plants to 4 inches. Cultivate well, and in the following spring transplant into deep rich soil from 3 to 4 feet apart. For immediate use order the roots which come into use at once. An ounce of seed will make 500 plants.

**Linnaeus.** Early, large and tender. Per pkt. 5c; oz. 15c; lb. \$1.50.

**Victoria.** Later than the above, very large and fine. Per pkt. 5c; oz. 15c; lb. \$1.50.

**Monarch.** The largest, and one of the best. Per pkt. 5c; oz. 20c; lb. \$1.50.

**Rhubarb Roots.** Fine, large roots, each 10c; per doz. \$1.00. Extra large, 25c each.

**Burbank's Crimson.** This is more hardy than the other varieties, and is therefore desirable for a winter rhubarb, and it will thrive all winter in this climate. The seed is very scarce and the price accordingly high. Per oz. \$1.00.

**Burbank's Crimson Roots.** Each, 10c to 25c.

**Victoria Roots.** Each, 10c to 25c.

We are prepared to furnish fine large roots, both of Victoria and Crimson, in large numbers. Call and see them, or write for prices.

## SPINACH—Espinaco.

Verdura para la mesa. Onza 10c, lib 50c.

**Culture.** Sow in drills one foot apart, and for succession every two weeks; as it grows, thin out for use, keeping clean of weeds. It grows the year round in California. One ounce of seed for 100 feet of drill; 10 pounds to an acre.

**Prickly Seeded.** The hardest of all and the most popular with our market gardeners. Per pkt. 5c; oz. 10c; lb. 35c.

**Round Summer.** Leaves large, thick and fleshy. Per oz. 10c; lb. 35c.

**Improved Thick-Leaf or Viroflay.** Has very large, thick leaves of good substance. Per pkt. 5c; oz. 10c; lb. 35c.

**Bloosmdale Savoy-Leaved.** The earliest variety of upright growth; fine, large, tender crinkled leaves. Grows quick, but will not stand long. Per pkt. 5c; oz. 10c; lb. 35c.

**Long Standing.** A good sort for the market garden, as it is much slower in going to seed than the other varieties. Per pkt. 5c; oz. 10c; lb. 35c.

Our Spinach seed is grown in Holland; because of its excellence, we sold since Aug. 1, 1906, more than 12,000 pounds—(six tons) of Spinach seed. One grower planted more than 1000 pounds. The same gardener used more than four hundred pounds of onion seed for growing bunch onions.



**SQUASH**—Las Calabazas.

Se siembla en Abril ó Mayo, con la excepcion de la "White Bush Scarlet," la cual produce mejor por el invierno, pero no puede sufrir la escarcha. "Hubbard" es la favorita para todo propósito. "Jumbo" es grandísimo y de excelente sabor. Pqte 5 ctvos; onza 10 ctvos; libra 75 ctvos.



Hubbard.

**Culture.** Seed should not be planted in Spring until all danger of frost is past. Plant in hills 5 feet apart for bush varieties and 6 to 8 feet apart for running sorts, putting 6 to 8 seeds to the hill, finally leaving but 3 plants. One ounce of the bush varieties for 40 hills, or of the larger seeded varieties 15 hills, 2 to 3 lbs. to the acre.

**Burpee's Fordhook Squash.** This is a most desirable running variety for either summer or winter use. The vines are of strong, vigorous growth and wonderfully productive. Fruits oblong in form, eight to ten inches in length, slightly ridged: smooth, thin, yellowish skin; flesh very thick and of a light straw-yellow. If gathered young for

cooking, no other squash approaches it in flavor, while if allowed to ripen on the vine they can be stored and will keep in excellent condition until late the following June. Either for baking like sweet potatoes or making pies during the winter, the quality is unsurpassed. Per pkt. 5c; oz. 15c; lb. 75c.

**Golden Hubbard.** The flesh is a deep golden-yellow—a much richer color than the Hubbard—fine grained, cooks very dry, and is of excellent flavor. In its keeping qualities it is fully equal to, while in productiveness it excels, the old variety. Per pkt. 5c; oz. 15c; lb. 75c.



Jumbo Squash.

**Jumbo Squash.** This is the "Jumbo" of the Squash family, and creates great attention wherever grown or placed on exhibition. It is an extra large-fruited sort, quite distinct in form and appearance. The squashes grow from two and one-half to three feet in length, with a slight neck at the stem end. The skin is of a dark olive-green, with slight stripes of a lighter tinge. Under good cultivation the fruits frequently attain more than one hundred pounds in weight. Flesh firm and solid, of beautiful orange-yellow and excellent quality. Mr. E. L. Van Ripper says it is the sweetest of all squashes and wishes everyone to try it. He was kind enough to bring one to the store, speaking highly in its praise. Pkt. 10c; oz. 20c; lb. \$1.00.

**White Bush Scallop.** The well-known summer squash, very productive, pure white. Per pkt. 5c; oz. 10c; lb. 75c.

**Mammoth White Scallop.** An improved large variety of the above. Per pkt. 5c; oz. 10c; lb. 75c.

**Golden Bush Scallop.** Similar to the above, but a golden yellow color. Per pkt. 5c; oz. 10c; lb. 75c.

**Golden Summer Crookneck.** The popular well-known Crookneck. Per pkt. 5c; oz. 10c; lb. 75c.

**Pike's Peak, or Sibley.** An excellent long-keeping winter squash. Fine-grained and superior in quality. Per pkt. 5c; oz. 10c; lb. 75c.



White Bush.

## SQUASH—Continued.

**Hubbard.** M This is the squash that is so popular everywhere, and Southern California shipped nearly 40 carloads East last season. Our Hubbard was grown by ourselves and is guaranteed to be the best strain. Pkt. 5c; oz. 10c; lb. 75c.

**Boston Marrow.** Bright orange color, flesh rich salmon; for sweetness and excellency unsurpassed. Per pkt. 5c; oz. 10c; lb. 75c.

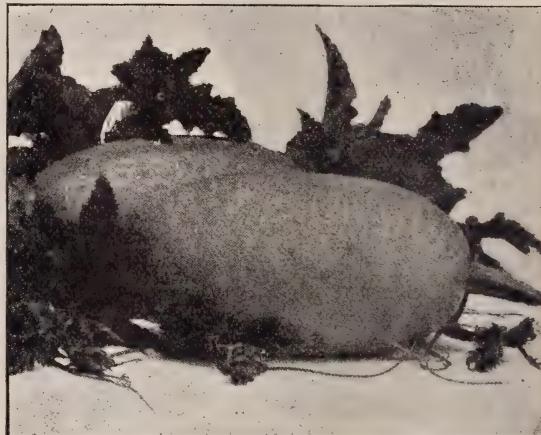
**Reve's Long White Marrow.**

This is the most delicious as well as the most prolific of all English Marrows. It was brought to this country by Mr. George Reve, to whom we are indebted for introducing this excellent addition to the gardens of California. Price, per pkt. 10c; oz. 20c.

**Cocozelle Bush Squash.** Mr. K.

H. Wilson of Monrovia, propagated this squash. Here is what he says of it: "The points in favor of this squash are its earliness; it is much easier to irrigate and cultivate than a vine; if picked as soon as mature, it will continue bearing until killed by frost; it is exceedingly hardy, persistently living in dry soil without water. When watered it grows and matures a big crop.

It is greatly relished by all stock and poultry, and equal to the egg plant for the table. It is said to be a South African plant, but its origin is probably South American. It grows just as the ordinary summer squashes do, requires the same kind of soil and tillage, and begins to bear about June 1st. If the soil is deep and rich it will continue to grow and bear, without irrigation, provided the squashes are picked while green. It is used in the green state, and is better than egg plant when nicely fried in butter and well seasoned. It makes an excellent stew. Price, pkt. 5c; oz. 10c; lb. \$1.00."



Long White Marrow.



English Cream Marrow.

**English Cream Marrow.** All Englishmen will recognize it. Our attention was called to this excellent Marrow by Mr. Hannan of San Gabriel, who says of it: "It is the finest thing in the squash line I have ever seen. It is sweet as a sweet potato, and has none of that pumpkin flavor. It is good any way it comes on the table and beats Hubbard for pie." Mr. Worrel of Pierce & Worrel Commission Co., says he received only 40 sacks, but could easily have sold several hundred sacks at 2½c per lb. It is 6 to 8 inches long and half as thick. (See picture.) Decidedly cream color, shell not a crust but very firm. It will keep from one season till another. Price, per pkt. 10c; oz. 25c; lb. \$1.50.



Cocozelle.

We have this year given special attention to the English Marrows. One trial of this excellent vegetable will prove its merit. We have catalogued three varieties and recommend all them.

**SALSIFY—VEGETABLE OYSTER—Ostión Vegetal.**

Debe plantar en Setiembre.

**Culture.** Sow the seed early in the spring in drills one foot apart and one inch deep, thinning out plants to four inches. It succeeds best in light, well-enriched soil. One ounce of seed for 50 feet of drill.

**Long White.** Favorite market variety and the best flavored.  
Per pkt. 5c; oz. 10c; lb. \$1.00.

**Mammoth Sandwich Island.** A larger and superior variety.  
Mild and delicately flavored. Per pkt. 5c; oz. 10c; lb. \$1.25.

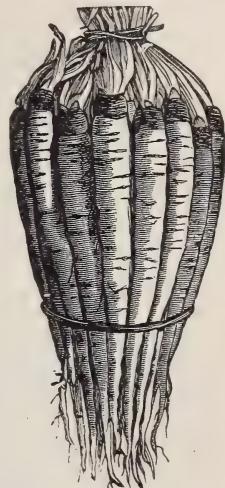
**SORREL—Acedara.**

Verdura para la mesa. Pkts 5 ct; onza 20 ctvos; libra \$2.00.

Of the easiest growth, Sorrel is cultivated for its leaves, which possess a very fine flavor boiled and served like Spinach. It makes also delicious soup according to directions given in Mrs. Rorer's book, "How to Cook Vegetables."

**Broad Leaved.** This is the best variety. Per pkt. 5c; oz. 15c; per lb. \$1.25 post paid.

More than 3500 pounds of turnip seed was sold from our store last year. Of this amount about 2500 pounds was Purple Top Strapleaf. Of Golden Ball, 500 pounds; the balance was about equally divided between other varieties. Purple Top Strapleaf is probably the best of all.



Salsify.

**TURNIP—Nabo.**

"Purple Top Globe" sucede mejor en lugares secos y calurosos; y "Purple Ltrap Seaf" para lo general. Precio, pkts 5 ctvos; onza 10 ctvos; libra 50 ctvos.

**Culture.** Plant for succession from February to October in drills 14 inches apart and thin out plants to 6 inches. Turnips thrive best in a highly enriched, sandy, gravelly or light loamy soil. One ounce to 150 feet of drill; 1½ pounds to the acre.



Early Flat Dutch.

**Early Purple Top Strap-Leaf.** M The most popular variety in this section for either family or market use; large size, white, purple above ground; flesh fine grained. Per pkt. 5c; oz. 10c; lb. 50c.

**Early White Flat Dutch.** An early white fleshed strap-leaved variety; for quick growth, mild flavor and excellent quality. Per pkt. 5c; oz. 10c; lb. 50c.

**Early White Globe.** A large round turnip, with sweet flesh. Pkt. 5c; oz. 10c; lb. 50c.

**White Egg.** Flesh white, firm, fine grained, mild and sweet. Pkt. 5c; oz. 10c; lb. 60c.

**Extra White Milan.** A new, early, very white variety, with purple top and strap-leaf; mild and sweet. Remains in good condition for a long time. Per pkt. 5c; oz. 10c; lb. 70c.

**Amber Globe.** One of the best for general crop; grows to a large size; excellent for the table or stock. Per pkt. 5c; oz. 10c; lb. 50c.

**Golden Ball or Orange Jelly.** A rapid grower of excellent flavor; bright yellow color; good keeper and a superior table variety or for stock. Per pkt. 5c; oz. 10c; lb. 50c.

**Improved Purple-Top Rutabaga.** The best of the Swede Turnips. Very hardy and productive; flesh yellow, of solid texture, sweet and well flavored. Per pkt. 5c; oz. 10c; lb. 40c.



Purple Top Strap-Leaf Turnip.

## TOMATOES—Gitomate.

Pueda ser sembrado el año entero en lugares no demasiado fríos. "Earliana" produce primero y mejor. "Stone" sirve para un producto tarde y para trasportar a mercados lejanos. "Early Jewel" es muy prolífero y sirve para todo propósito. Pqte 5 etvos; onza 20 etvos; libra \$2.50.

**Culture.** Tomatoes do best on light, warm, not over-rich soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hotbeds from 6 to 8 weeks before they can be set out of doors, which is when danger from frost is past. When the plants have four leaves, transplant into shallow boxes or cold frames, setting them four or five inches apart. Even a slight check while the plants are small will materially diminish their productiveness. Set out of doors as soon as danger from frost is over, but before doing so harden off the plants by gradually exposing them to the night air and by the withdrawal of water until the wood becomes hard and the leaves thick and of a dark green color. Transplant carefully and cultivate well as long as the vines will permit. In order to have tomatoes the greater part of the year, plant different varieties in the following order; Stone Tomato from March to August; Atlantic Prize and Early Richmond from August to January; Earliana and Early Jewel from December to March. Unless frost and excessive rains kill your vines you will have ripe tomatoes all the year. Tomato growing in Southern California ranks equally with Cabbage and Celery. While a large percentage is shipped to Eastern cities, most of it is used by our local canneries. Before purchasing your seed always secure our advice as to the variety, stating whether the crop is intended for shipping, canning, or for the local market.

**Earliana.** M (See picture.) Has easily gained the reputation of being the best first early tomato. The plants are quite hardy, with rather slender branches and moderate growth, well set with fruits, nearly all of which ripen extremely early in the season. The tomatoes are deep scarlet and grow close together in clusters of five to eight; all of medium size, averaging  $2\frac{1}{2}$  inches in diameter. They are smooth and solid, quite thick through and free from rough ribs or cracks. The flesh is a deep red, with solid center and small cells, slightly acid flavor. Mr. Wanick of Florence, said he was selling Earliana tomatoes at one dollar a box for two weeks before other varieties began to come in, when the price soon dropped to 40c. Per pkt. 5c; oz. 25c; lb. \$2.50.



Mr. Wanick's Earlianas.



Earliana Tomato.

## TOMATOES—Continued.



Mr. Standlee finds a fortune in Jewel Tomatoes.

**New Tomato—Chalk's Early Jewel.** The smoothest and finest flavored extra-early bright red tomato. Within a week or ten days as early as Sparks' Earliana, it is even a heavier cropper, with tomatoes of larger size and sweeter flavor—produced throughout the season. It is so hardy and vigorous in growth that a very early planting can be made in the open ground. The plants are well furnished with strong, healthy foliage, which protects the fruits from sun-scald, and enables the plant to perfect an enormous crop. The tomatoes come in good-sized clusters and are uniform in size and shape, having a most attractive appearance when packed for market. The fruits are very deep through from stem to blossom end; the solid flesh is entirely free from hard core, streaks, or blemish. The ripe tomatoes are of a brilliant scarlet color, free from rot, and do not crack open in hot weather, if picked as fast as they are ready for market. During the season of 1904 Mr. Chalk gathered a large number of fruits weighing a pound each. Pkt. 5c; oz. 30c; lb. \$2.50.

**The Grape Tomato.** This is a curiosity indeed, and is probably a cross between the Wild Mexican Tomato and the Night Shade berry. Mr. S. J. Murdock, while in Mexico, discovered the plant and has greatly improved it by cultivating it on his rich peat land at Westminster. It now grows a luxuriant vine with innumerable branches, all with a long cluster of tomatoes at each joint of the stem. It makes an attractive arbor vine, with a profusion of delicious fruit for preserving. Bishop & Company preserved two tons of the fruit last season, paying \$40 per ton for it. It is estimated that five tons can readily be picked from one acre. Price, per pkt. 25c; per oz. \$1.00.

**Livingston's Stone Tomato.** Owing to the demand for Livingston's Stone Tomato, we will sell this variety only in Livingston's sealed packages. Per  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Atlantic Prize.** For three years our strain of Atlantic Prize has given excellent satisfaction. It excels almost any other variety in productiveness and percentage of good, well-shaped tomatoes. Per pkt. 5c; oz. 25c; lb. \$2.50.

**Early Richmond.** Is yet a favorite, hardy tomato, recommended only for its propensity to bear during the cold, rainy season when almost every other variety fails. Per pkt. 5c; oz. 25c; lb. \$2.50.

**Ponderosa.** A well-known variety of delicious flavor. For private gardens it should be the favorite. Price, pkt. 5c; oz. 40c; lb. \$4.00.



The Grape Tomato.

## TOMATOES—Continued.

**Livingston's Globe.** This is one of Livingston's newest species of tomatoes. It's globular shape, insures it a good shipper. Pkt. 5c; oz. 50c; lb. \$4.00.

**Acme.** The fruit of the Acme is a bright pink color, is medium sized, smooth and solid; probably the best of all for shipping. It is a great favorite in the Southern States. Price, pkt. 5c; oz. 25c; lb. \$2.50.

**Dwarf Champion and Dwarf Stone.** For mid-summer varieties none can beat these varieties. On account of the dense foliage the tomatoes are not burned by the sun. The vine is exceedingly hardy, hence better able to resist blight. The tomatoes are large, very smooth and of fine flavor. Price, pkt. 5c; oz. 30c; lb. \$2.50.



The Boulder.

**he Boulder.** This excellent tomato was introduced by us last year, and while we knew it to be an excellent tomato, we did not recommend it too highly. But all who grew it this year were so pleased with it that we do not hesitate to recommend it to growers for shipping. It is enormously productive, solid, and in all respects superior to the well-known stone tomato. Mr. S. J. Murdock of Westminster, says of it: "I never saw anything to approach it in productiveness and all round good qualities." Price, per pkt. 10c; oz. 50c; lb. \$4.00.

**New Stone.** This is California grown seed and is equal to seed grown anywhere in the world. We are always careful to secure the purest and best strain. Price, pkt. 5c; oz. 25c; lb. \$2.00.

**Yellow Egg.** Excellent for spicing and preserving. Small yellow egg-shaped tomato of mild flavor. Pkt. 5c; oz. 50c.

**Red|Pear Shaped.** Used for preserving and spicing. Pkt. 5c; oz. 50c.

TOMATOES—Continued.



One cluster of King of the Earliest.

**King of the Earliest.** This tomato is enormously productive, is solid and excellent for the canners. The picture shows eleven large tomatoes in one cluster. This cluster is preserved and may be seen at our store, but it is not a curiosity, for every vine has one or more such clusters on every branch. Mr. L. P. Herbert of El Monte, says it surpasses every other variety in productiveness. It will be his main crop next season. Price, pkt. 5c; oz. 50c; lb. \$3.00.



**Gautier's Pineapple Muskmelon.**

The way the wagons looked when they left the field.

A wagon load of Gautier's Pineapple Muskmelon grown on our seed ranch at Santa Ana. It is only a sample of the melons from which our seed was taken. You run no risk to plant this seed.

## HERBS.

Per packet, 5 cents.

**Borage.** Used as a pot herb. The young shoots are also boiled and used like Spinach. Sow in light, dry soil, early in the spring, in drills about one foot apart, and thin out the plants to eight inches apart.

**Caraway.** The seeds of this plant are much used in confectionery, cakes, etc. Sow in spring or autumn and thin out to one foot apart.

**Catmint, or Catnip.** A hardy perennial plant, the leaves of which are valuable as a mild nervine for infants. Sow the seed in spring or fall and give plants a foot of room.

**Coriander.** Raised mostly for its seeds, which have an aromatic taste, and are used in confectionery, and sometimes to disguise the taste of medicine.

**Dill.** An annual, cultivated for its seed, which has an aromatic odor and a warm, pungent taste. It is sometimes added to pickled cucumbers to brighten the flavor.

**Fennel, Sweet.** A hardy perennial plant, the seed of which are used for flavoring, and also for medicinal purposes.

**Lavender.** Cultivated for its fragrant flowers, which are used for the distillation of lavender water, or are dried and used to perfume linen. Sow in drills two feet apart, and thin the plants to two feet in the row.

**Marjoram Seed.** Used in soups, broths, dressings, etc. Sow in drills as early as possible and thin the plants to ten inches apart.

**Rosemary.** A hardy perennial sub-shrub, having a bitter taste and used for various medicinal purposes.

**Saffron.** Cultivated for its flowers, which are used in dyeing, and to make the cosmetic powder called rouge.

**Sage.** A perennial plant, perhaps more widely known than any of the other herbs for its medicinal and culinary uses. Sow early in spring, in drills 16 inches apart.

**Summer Savory.** A hardy annual, the dried stems, leaves and flowers of which are extensively used for flavoring, particularly in dressings and soups.

**Thyme.** A perennial herb largely used for culinary purposes and sometimes medicinally. Sow either broadcast or in drills six inches apart.

## TOBACCO.

It has been demonstrated that tobacco can be successfully grown in this climate.

**Culture.** Sow the seed in plant bed in March. Transplant when five or six leaves appear. Set in rows  $3\frac{1}{2}$  feet apart, 18 to 30 inches apart in the row, according to variety. When the bud appears, break off the top, leaving 16 leaves to mature. Keep off all suckers growing from the stem. When the leaves have become waxy and brittle it is ripe. Cut and hang the stock in a shed to dry.

**Acclimated Havana.** The best variety for cigar fillers. Per oz. 25c; lb. \$3.00.

**Glessner.** The best variety for cigar wappers. Per oz. 50c; lb. \$5.00.

## ROSSELLE.

**The Lemonade Plant or Queensland.** Is an annual plant that has been sufficiently tested to indicate its great food value, and to warrant more extended cultivation. The fruit resembles the scarlet podded okra and is used for making jelly and jam. The jelly is superior to guava or currant, and is labeled as "Queensland Jelly;" is shipped from Australia to all parts of Europe. It is easily grown from seed, grows rapidly, resists draught and is very ornamental. It costs less to raise than any other fruit, and it requires no cleaning or picking ever after gathering; the pickers cannot eat it and the birds will not touch it. Per pkt. 10c; oz. 40c;  $1\frac{1}{4}$  lb. \$1.25; lb. \$4.00.

## READ THIS—GARDENING PAYS.



Mr. A. Gast made a fortune growing and marketing our California Cream Butter and Wonderful Lettuce.

ture, when he and his good wife and children will work all day tying up dozens of bunches of radishes, beets, spinach, turnips, carrots and onions, several boxes of tomatoes and cucumbers, a crate of lettuce and a sack of cabbage, etc.

He rises 2:00 A. M., drives ten or twelve miles on a dark, cold, frosty morning, arrives at the market at four o'clock, finds such a crowd of wagons he can hardly find a stall. The load is unpacked. He stands at the tail-board of his wagon until nine o'clock with half his load unsold.

The radishes sold for 10 cents a dozen bunches, beets 30 cents, spinach 15 cents, turnips 25 cents, onions 20 cents, tomatoes and cucumbers 20 cents a box and the Lettuce and cabbage 50 cents each. He counts his money and finds he has barely made wages for the time it took to prepare his vegetables and bring them to market, allowing nothing for the expense of growing and interest on his money invested. The man becomes discouraged, disgusted and concludes that gardening don't pay.

Others have succeeded and he resolves to find out how it is done. He approaches Mr. Gast of Fruitland, who has made a neat fortune at the business, and like all good fellows on the market, always willing to help a beginner, Mr. Gast tells him he made a specialty of Wonderful Lettuce, and Tripple Curled Parsley, but always managed to get some Arlington White Spine Cucumbers, White Bush Squash, and some other things a little bit earlier than most other people when he could get his own price. He makes his men put up only the best and that in good shape.

Mr. Ed. Trapp of Florence, tells him a crop of Triumph Potatoes, Oregon Evergreen Sweet Corn, Chilian Watermelons and a field of Horse Radish on the side is a fortune enough for one season. John Trapp puts his whole faith in Jenny Lind Cantaloupe and Jack o' Lantern Pumpkins and he never fails. Mr. Nickerson manages to have Corn, Cucumbers and Casabas coming in October, but C. F. Richardson of San Gabriel goes him one better with Chilian Watermelons and Hybrid Casabas planted in July and Egg Plants just beginning to bear in November.

Mr. Cussick of La Habra, says he took Musser's advice and planted Cucumber seed in September and gets a dollar a box for them in November.

Mr. Morrow of Downey, has something coming all the time. Large Adam's Sweet Corn in November is his best money maker. Others make a specialty of Sweet Potatoes.

Mr. Gautier & Son made an independent fortune with the Pineapple Muskmelon which they propagated. Also the Sandoval Bros. were in on the Pineapple. They had a monopoly but **Johnson & Musser Seed Co.** now have the seed. Harry Bailey of Montebello, realized \$600.00 from  $\frac{1}{4}$  acre of cucumbers. Mr. Haughton of Gardena, held the fort alone with Paul Rose Muskmelon and Bo-ton Pie Pumpkin. Ah Wing the most independent Chinaman on the market did it with Savoy and Red Cabbage. Chinamen and Japanese attend the market every day in the year with every conceivable variety of vegetables.

Car loads of celery, cabbage, potatoes and onions are stacked up on the platform shipped from somewhere.

By this time the beginner has concluded there is money in gardening, but the gardener must know, "What to grow, how to grow, when to plant, how to sell and when to sell." To succeed he must get **Johnson & Musser's** tested seeds, they are sure to grow and true to name. All the information necessary to become a successful gardener can be found in this book, but if you fail to find it ask **Musser**.

BUT to succeed it requires just as much careful study and preparation as any other profession. To succeed the market gardener must become a shrewd merchant; that, too, requires years of application, just the same as in any other business. To succeed is just as honorable and about as profitable as the average business. The following lines are intended to convey hints upon how to succeed:

It is discouraging to one who has worked hard in the hot sun to grow an assortment of vegetables for the market, believing he will receive such prices as he is used to paying for them when he lived in the city, or such profits as he reads about in real estate litera-

## J. &amp; M. RELIABLE FLOWER SEEDS.

The following list comprises the more popular varieties, and is not submitted to our patrons as being complete. If you do not find what you want in this list send in your order for it and rest assured it will be filled with J. & M. Reliable Seeds.

## ¡ATENCION!

El extenso y variado surtido que tenemos de semillas de flores, que son todas ESTRIC-AMENTE DE PRIMERA CLASE, nos coloca en posicion de poder asegurar á Ud. que sus deseos quedarán satisfechos con respecto á cualquier pedido de los que nos favoreza Ud. Si desea informes particulares no dilate Ud. en escribirnos de una vez y le proporcionarémos más detalles á vuelta de correo.

Confando en que no olvide Ud. que nuestras semillas son enteramente frescas y de las mejores que se encuentran en la plaza, esperamos ser favorecidos por sus órdenes.

¡OJO! Ya tenemos en existencia un buen surtido de implementos de agricultura.

Flower seeds are divided into Annuals and Perennials. Annuals are those that bloom and ripen seed the first year, then die. Among these may be found some of our most brilliant and fragrant flowers. Perennials are those that live and bloom for several years in succession. Directions for culture are on each package.

**Agrostemma.** (Rose of Heaven)—attractive free flowering Perennial. Mixed per packet 10c.

**Aristolochia.** Sipho—(Dutchman's Pipe) a good climbing vine, per packet 10c.

**Asparagus Sprengeri.** One of the most beautiful plants for pots or hanging baskets. One of the best house plants ever introduced. Per pkt. 25c.

**Asparagus plumosus nanus.** Foliage finer and more beautiful than the most delicate fern, and will last for weeks after being cut. An excellent house plant, succeeding under almost any conditions. Per pkt. 25c.

**Ageratum.** Flowers light blue or lavender, furnishing a continuous bloom through the summer. Height, 1 foot. Hardy annual.

*Ageratum Mexicanum*, per packet, 5c.

*Ageratum Princess Louise*. In bloom all summer. This is the prettiest of the Dwarf Ageratums. The plants grow in dense bushes, 5 in. high, with a diameter of 6 in. Pkt. 10c.

**Alyssum, Sweet.** A favorite flower for bouquets; white, very fragrant, and producing a succession of bloom through the summer and until after severe frosts. Height, 1 foot. Hardy annual.

*Alyssum Dwarf* or *Tom Thumb*, per packet, 5c.

*Alyssum Maritimum* (sweet), per packet, 5c.

**Amaranthus.** Valuable for its varieties of handsome foliage, whether grown in the conservatory or garden. The colors will be more brilliant if planted in moderately rich soil. Height, 2 to 3 feet. Hardy annual.

*Amaranthus tri-color* (Joseph's Coat), per packet, 5c.

*Amaranthus Candatus* (Love Lies Bleeding), per packet, 5c.



Asparagus Plumosus.

**Antirrhinum** (Snapdragon). One of the most desirable flowers in the Catalogue for its variety of colors and succession of bloom, lasting from July until severe frosts. A great variety of beautiful colors, striped and variegated with other brilliant shades. Height, 1 foot. Perennial.

*Antirrhinum*, dwarf, mixed colors, per packet, 5c.

**Antirrhinum.** In separate colors, Crescia, scarlet, Rosea, Rose; Delila, carmine and white. Each 5c per pkt.

**Aquilegia** (Columbine). The old single varieties of Columbine have been known and admired for centuries, under the name of Honeysuckle. The new double sorts are very beautiful, and embrace a great variety of colors and forms. Height from 1 to 2 feet. Hardy perennial.

*Aquilegia*, mixed colors, per packet, 10c  
Mixture of Superb California Giant. Pkt. 10c.

**Aster.** No family of plants bears such distinct marks of progress as the Aster, and none are more eagerly sought. An almost endless variety, always reliable, it is not strange that they should become a necessity. Height, 1 to 2 feet. Annual. Packet, 10c.

Good Mixture of Dwarf Asters. 10c. 3 for 25c.

**Aster Giant.** Branching in separate colors, 10c, 3 for 25c; Light Blue, White, Rose Pink, Lavender, Crimson-Purple. The 6 varieties for 45c. The above varieties mixed 10c, 3 for 25c.

**Balsam.** The Balsam has been so much improved by cultivation as to be scarcely recognized. Requires a rich, deep soil, good culture and plenty of space to grow to perfection. Height, 2 feet. Hardy annual.

Balsam, double French, per packet, 5c.  
Balsam, double Camelia, per packet, 5c

**Calliopsis.** A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. Height, 2 feet. Hardy annual.  
Calliopsis, mixed colors, per packet, 5c

**Canna.** Stately plants with foliage of elegant growth, presenting a luxuriant and tropical appearance, are much employed in ornamental planting; when planted in clumps of 4 or 5 contrasting colors, are very effective. Height, 3 feet. Tender annual.

Canna, mixed colors, per packet, 5c.  
Canna, Madame Crozy, per packet, 5c.



Carnation. Early Double Snow White.

**Bachelor's Button.** Showy annual, of easy culture. Flowering freely with a great variety of colors in common garden soil.

Centaurea Cyanus, per packet, 5c.

**Carnation.** This beautiful and well-known flower produces a finer bloom when grown from seed than when grown from cuttings taken from the old plants. The seed will produce a finer variety of colors, with flowers of good size and substance. Height, 18 inches. Half hardy, perennial.

Carnation, Marguerite, large double, very fragrant, per packet, 10c.

Carnation, double dwarf Vienna, mixed per packet, 10c.

Carnation, double California, mixed, per packet, 10c.

Carnation, early double snow white, per packet, 25c.

Carnation, double red Grenadin, per packet, 15c.

**Calendula.** This splendid variety has large double flowers, beautifully imbricated, resembling in size and form the finest aster. Each petal is of pale straw color, regularly marked with stripe of bright, deep orange. Height, 18 inches.

Calendula officinalis, per packet, 5c.

**Candytuft.** All the colors of Candytuft are desirable for bouquets, especially the white, for its form and fragrance, and profusion of bloom. Height, 1 foot. Hardy annual.

Candytuft, mixed colors, per packet, 5c

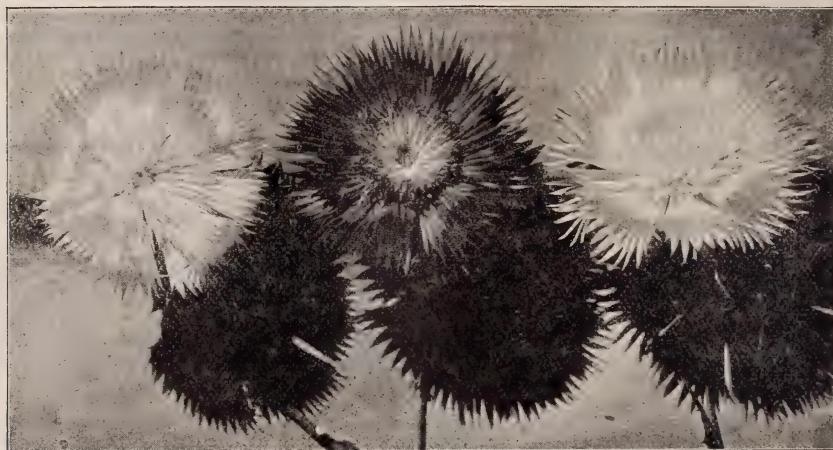
Candytuft, purple, per packet, 5c.

Candytuft, white, per packet, 5c.

Candytuft, rocket (white), per pkt, 10c



Calliopsis.

Types of *Centaurea Imperialis*.

**Cockscomb** (*Celosia*). Highly ornamental plants, producing crested heads of flowers, somewhat resembling a cock's comb. Height, 1 to 2 feet.

*Celosia cristata, dwarf*, mixed colors, per packet, 10c.

New Giant Hyacinth. (Flowered.) This is a new strain, the one mostly in demand for florists' use. Pkg. 10c,  $\frac{1}{2}$  oz. 25c.

*Thompsonii Magnifica*. The most perfect strain of tall Ostrich Plumed cockscomb. Per packet, 10c.



Canterbury Bel s.

**Canterbury Bells.** (Cup and Saucer). Handsome, hardy, biennial, of stately growth, rich color and profuse bloom. Succeeds best in light rich soil and should be transplanted 2 feet apart. Has large bell shaped flowers, which are strikingly effective.

*Campanula*, medium, single mixed, per packet, 5c.

*Campanula*, medium, double white, per packet, 10c.

*Campanula*, medium, double blue, per packet, 10c.

*Campanula*, medium, double mixed, per packet, 10c.

**Coleus.** Is one of the most beautiful of our variegated perennial foliage plants for garden decoration, ribbon beds, etc., being of rapid growth and easy culture. Height, 1 to 2 feet. Tender perennial.

*Coleus*, new hybrids, mixed, per packet, 20c.

**Clarkia.** The flowers are very pretty and of many colors, double and single. Height,  $\frac{1}{2}$  to 2 feet. Hardy annual.

*Clarkia pulchella*, per packet, 5c.

**Cineraria Hybrida.** Very attractive and a justly much admired plant. Height, 1 to 2 feet. Perennial.

*Hybrida grandiflora*, per packet, 25c.

**Centaurea.** An exceedingly interesting genus of plants, embracing annuals, biennials and perennials. Some of the varieties are foliage plants, indispensable for borders and edges of beds, while others are noted for their beautiful flowers.

*Centaurea Gymnocarpa* (Dusty Miller) silvery gray foliage; drooping habit, very graceful. Half hardy perennial per packet, 10c.

*Centaurea Odorata*, sweet scented flower, of a bluish or light purple color, set on long stems. Easily cultivated and should be grown in light soil. Hardy annual; about 1  $\frac{1}{2}$  feet high, per packet, 10c.

*Centaurea Candidissima*, ornamental plant of great beauty. Silvery white deeply cut foliage. Half hardy perennial, per packet, 15c.

*Centaurea Marguerite*, a sweet scented white variety, about as large as a carnation, per packet, 10c.

**Centaurea Suaveolens**, or large deep yellow, Sweet Sultan. Per pkt. 5c.

We do not carry a large stock of these seeds, as the demand is limited. What we do have, however, are always fresh, true to name and sure to grow.

**Centaurea Imperialis.** A new, very large flowering strain resembling the marguerite, but nearly twice the size.

Centaurea Imperialis mixed, colors range from white, purple to pink; stems very long; fine for corsage bouquets, per packet, 10c.

**Chrysanthemum.** Colors, golden yellow, white tinted with yellow and brown. Finely shaped double flowers produced in profusion nearly covering the plants. Height, 18 inches. Perennial.

Chrysanthemum carnatum mixed single, per packet, 5c.

Chrysanthemum Japonicum, mixed double Japanese, per packet, 25c.

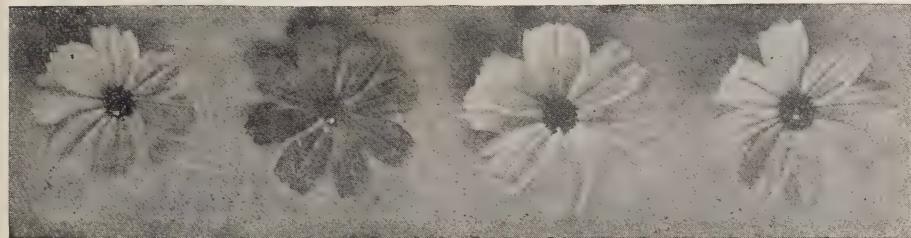
Cosmos, new fringed Marguerite, per packet, 10c.

Cosmos, new giant yellow, per pkt, 15c  
Cosmos, fine mixed California, per packet, 5c.

**Coreopsis-Lanceolata.** A hardy perennial, 10c package. See Calliopsis for annuals.

**Cypress Vine.** One of the most beautiful of the climbers, fine delicately cut foliage, dotted with small scarlet star-shaped flowers. Height, 8 feet. Tender annual.

Ipomea quamoclit, mixed colors, per packet, 10c.



Types of Mammoth Perfection Cosmos. One-quarter Size.

**Cosmos.** A very effective autumn flowering plant. Quite hardy and rapid growing, forming bushes often four to eight feet high, and covered with large single, dahlia-like flowers.

Cosmos, mammoth perfection, pure white, per packet, 10c.

Cosmos, mammoth perfection, mixed colors, per packet, 10c.

Cosmos, mammoth perfection, light pink, per packet, 10c.

Cosmos, mammoth perfection, carmine, per packet, 10c.



Cyclamen

**Cyclamen.** Well known and universally admired tuberous rooted plants, producing exceedingly handsome red and white flowers. Tender perennial. One foot high.

Cyclamen persicam, mixed, per pkt, 15c



Cobaea

**Cobaea.** A splendid climbing plant, with large purple bell-shaped flowers and elegant tendrils; when well established it grows very rapidly, with numerous branches. 15 to 20 feet. Tender perennial.

Cobaea scandens, per packet, 10c.

**Convolvulus Minor.** (Dwarf Morning Glory). A trailing plant, with flowers of rich shades of blue, in some specimens rivaling the pansy in richness of color, finely shaded with yellow and white. Height, 10 inches. Half hardy annual.

Convolvulus minor, per packet, 5c.

**Dahlia.** This exceedingly beautiful genus comprises an almost endless number of varieties, all more or less showy in the flower garden in the autumn when most other flowers have faded. Half hardy perennial; height, 4 feet.

Dahlia, finest double mixed, per packet, 15c.

Dahlia, finest single mixed, per packet, 15c.

**Daisy.** Charming little plant for edging and borders. The flowers are quilled and flat-petaled, white, pink, red and variegated. Tender perennial; height, 6 inches.

Bellis perennis, double mixed, per packet, 10c.

**Datura.** Trumpet Flower. Double Mixed. (Horn of Plenty) Datura. Double White. Grand trumpet shaped flowers, measuring 7 to 9 inches in length and six inches across either variety; 10c per packet.



Eschscholtzia.

**Eschscholtzia** (California poppy). One of the most beautiful flowers grown. Half hardy perennial; height, 1 foot.

Eschscholtzia California, per pkt, 5c.  
Golden West, per packet, 10c.

#### BUSH ESCHOLTZIA, OR HUNNEMANNIA.

The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers 3 inches across on stems 12 inches long. The color is of clear, bright yellow the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks. Large pkt. 10c.

**Forget-me-nots.** This is too well known to require description or recommendation. The delicate blue flowers appear all summer. Height, 6 inches. Hardy biennial.

Myosotis palustris, packet, 10c.

**Four O'Clock** (Marvel of Peru). A handsome plant making an attractive display of its many colored flowers from the middle of July until frost. The leading colors are red, white and yellow. Height 2 feet. Hardy perennial Mariabulis jalapa, packet, 5c.

**Foxglove.** Showy and useful plant for border. Flowers borne in tall spikes, bell or thimble-shaped, of all colors. Height, 2 feet. Hardy biennial. Digitalis, mixed colors, 10c.

**Fuchsia.** The varieties are as easily grown from seeds as from cuttings, and from seed many improved varieties are obtained. Height, 1 foot.

Fuchsia, double finest mixed, per packet, 25c.

**Gaillardia.** A showy annual with brownish-red flowers, bordered with yellow and white, blooming strongly through the season. Height, 18 inches.

Gaillardia, mixed colors, 5c.

**Gilia.** Color azure blue, and light blue shaded with yellow and white. Height, 18 inches. Hardy annual.

Gilia, mixed colors, per packet, 5c.

**Geranium.** No garden seems complete without a bed of them, and in every collection of plants we are sure to find the Geranium. Propagation by seed is the only way to obtain new varieties. Height, 1 to 2 feet. Half hardy perennial.

Geranium, double mixed, per pkt, 25c.

Geranium, single mixed, per pkt, 10c.

**Gourds.** A great variety of curiously formed and marked fruit; the vines are bors, etc. Height, 10 to 15 feet. Tender annual.

**Gourds.** Ornamental. Such as Dipper Peas, Apple, Dish Cloth, Hercules Club, Nest Egg, Bottle and Mock Orange. 5c each or 1 package of each of above for 30c.

**Golden Rod.** Our "National Flower." Beautiful golden-yellow. Height 2 to 5 feet. Hardy perennial.

Solidago Canadensis, per packet, 10c.

**Godetia.** A beautiful new variety; the plant of neat, dwarf, compact habit, with a profusion of rich carmine flowers. Height, 1 foot. Hardy annual.

Godetia, Lady Albemarle, per pkt, 5c.

#### GYPSOPHILA, OR ANGEL'S BREATH.

An annual that should be in every garden, for it thrives everywhere, and furnishes the loveliest material for all kinds of bouquets, either roses, carnations, dahlias, or anything else.

**Elegans.** A delicate pink, splendid for carpeting in rose or lily beds. Pkt. 5c,  $\frac{1}{2}$  oz. 15c.

**Paniculata** (Baby's Breath). Flowers white. A hardy perennial which will stay in the ground all winter. Pkt. 5c.

**Helichrysum.** Everlasting Flower. One of the best of the immortelles; good shape and size, and a variety of desirable colors—yellow, sulphur, cream, white, pink, rose, red and crimson. Retain their natural shape very perfectly when dried. Height, 18 inches. Hardy annual.

Helichrysum coronarium, mixed, per packet, 5c.

**Heliotrope.** Flowers purple, borne in trusses, and exceedingly fragrant. Height, 1 foot. Half hardy perennial.

Heliotropium, mixed colors, pkt, 10c.

**Hibiscus.** A showy, hardy annual, cream color. Height, 2 feet.

Hibiscus Mixed, per packet, 5c.



Mimulus.

**Hollyhock.** A great variety of brilliant colors, combining richness and delicacy in a remarkable degree. Flowers large and densely double, remaining a long time in bloom. Height, 5 feet.

Hollyhock, double mixed, per pkt, 10c.

Hollyhock. Mammoth Allegheny, best mixed, 10c pkt.

**Hyacinth Bean.** (Dolichos, Lablab.) Splendid climber, with abundant cluster spike of purple and white flowers, which are followed by exceedingly ornamental seed pods. It is of rapid growth and often runs 20 feet in a season. Height 10 to 20 feet. Tender annual. Packet 10c.

Dolichos Legnus. See Australian Pea Vine.

**Linum.** Scarlet Flax. Distinguished for their brilliant colored flowers, which are deep crimson with black, saucer-shaped, and very conspicuous in beds and borders. Height 18 inches. Hardy annual.

**Lantana.** Rapid growing plants; the flowers are borne in verbena-like heads, embracing every shade of pink, purple, orange and white. Height, 2 feet. Half hardy perennial.

Lantana hybrida, mixed, per pkt, 10c.

**Lobelia.** An elegant and useful class of plants, of dwarf, compact growth, bearing a profusion of delicate flowers, in bloom through the summer and autumn. Colors, deep, rich blue, and blue marked with white. Height, 6 inches. Half-hardy annual.

Lobelia gracilis, per packet, 10c.

Crystal Palace, very compact grower. Per pkt, 10c.

**Larkspur.** A fine variety of colors—shades of blue, red and others, striped and mottled. The flowers are produced in spikes, furnishing an abundance of bloom through the season. Height, 2 feet. Hardy annual.

Larkspur, double, tall mixed, pkt, 5c.

Larkspur, double, dwarf, mixed, per packet, 5c.

Larkspur or Annual Delphinium. Giant Hyacinth-flowered. Mixed. Per packet, 10c.

**Delphinium or Larkspur.** A fine strain of the Hardy Perennial Hybrids; one of the finest perennial bedding plants. Per pkt. 10c.

**Lathyrus.** (Everlasting, or Hardy Sweet Pea.) Showy, free-flowering, hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting. White 10c. mixed pkts. 5c.

**Marigold.** A showy plant of compact, symmetrical growth, handsome foliage, and a profusion of flowers of brilliant shades of yellow, finely variegated and striped with dark, rich colors of maroon and brown. Height, 1 foot. Half-hardy annual.

Marigold, double dwarf, French, per packet, 5c.

Marigold, double dwarf African, per packet, 5c.



African Marigold.

**Mimulus.** These flowers are remarkable for their rich and beautiful marking and spots. Height, 1 foot. Half hardy perennial.

Mimulus puncatus, per packet, 10c.

Mimulus moschatus (Musk Plant), per packet, 10c.

**Moonflower.** The true Moonflower is the cover a trellis 30 or 40 feet high with most vigorous of all summer climbers; a single plant can easily be made to a dense mass of leaves, studded every night or cloudy day with hundreds of beautiful white flowers, 4 to 6 inches in diameter. Height, 30 to 40 feet. Annual.

*Ipomoea grandiflora.* (True White Moon flower), per packet, 10c.

*Ipomoea Heavenly Blue* (Blue Moon-flower), per packet, 10c.

*Ipomoea Learii*, The Perennial Morning Glory, pkt. 10c.

**Morning Glory.** This well known annual is one of the most popular climbers. Of rapid growth, soon covering a fence or trellis with abundant foliage and bright flowers. A great variety of colors and shades. Height, 10 feet. Hardy annual.

*Convolvulus major*, mixed colors, per packet, 5c.

*Convolvulus major*, blue per pkt, 5c.

*Convolvulus major*, white, per pkt. 5c.

Dwarf Bedding Morning Glory, see *Convolvulus*.

**Morning Glory (Giant Japanese).** This plant has been developed to such a state of perfection that it now produces flowers of immense size and almost endless variety of color and markings. Some of the flowers are brilliant red, or rich blue self-colored; others are equally brilliant, with broad margins of clear white.

Japanese Morning Glories, mixed colors, per packet, 10c.



**Mignonette Sweet.** One of the best known and most popular flowers; indispensable for the garden. Height, 1 foot. Hardy annual.

Mignonette, sweet, per packet, 5c.

Mignonette, machet, per packet, 5c.

Mignonette, tall Pyramidal, pkt. 5c.

Mignonette, tall Pyramidal, pkt. 5c.

**Mina Lobata.** A charming Mexican Climber, with tube-shaped flowers, produced in the greatest profusion. In color they are particularly attractive, the buds being first of a bright red, but changing through orange-yellow to creamy-white when fully expanded. The foliage is very handsome, dense and luxuriant, of vigorous growth; attains a height of 12 feet. Pkt., (20 seeds), 10c.

**Nasturtium Tall.** (*Tropaeolum Major*). This well known annual is one of the best for trellises and arbor decorations. Flowers of a great variety of rich colors, striped and spotted with different shades. Height, 6 to 10 feet.

Mixed colors, per packet, 5c.

King of blacks, maroon, per packet, 5c.

Light yellow, per packet, 5c.

Crimson, King Theodore, 10c per pkt.

Cardinal, dark scarlet per packet, 5c.

Spitfire, fiery red, per packet, 5c.

Chestnut brown, per packet, 5c.

**Nasturtium. Dwarf.** One of the most brilliant scarlets grown in any flower; the bloom covering the plant and being produced in succession throughout the summer. Foliage very dark green. Grows less than 1 foot high, making it very desirable for the front edge of a bed or border. Height, 1 foot.

Yellow, 5c. Mixed colors, 5c.

Bronze colored, 5c.

Rose, 5c.

Pearl, 5c.

Crimson, 5c.

**Nemophila.** Baby Blue Eyes. The flowers are exquisitely colored, blotched and spotted; they are quite apt to sport into an endless variety of shades, from black and blue to lighter colors. Height 6 inches. Hardy annual.

*Nemophila*, mixed colors, per packet, 10c.

**Passion Flower.** A most interesting and well known order of climbers, bearing singularly beautiful flowers.

Pink and red mixed, per packet, 10c.

*Passiflora coerulea*, per packet, 10c.

**Petunia.** One of the best flowers for a splendid display through the entire season. Beautifully new colors, striped and marked in the most diversified manner. The ease of culture, profuse and continuous bloom render the Petunia one of the most valuable annuals and entitle it to a generous share in every garden. Hardy perennial *Petunia hybrida*, double mixed, pkt. 50c.

*Petunia hybrida* striped blotched, pkt. 10c.

*Petunia hybrida*, single mixed, pkt. 10c.

Ruffled Giants of California, pkt. 20c.



Pansies.

**Pink.** (Dianthus.) The Dianthus family furnishes the florist with many of his most beautiful flowers, including the Carnation, Sweet William, Florist's, Chinese and Japan Pinks, in all their varieties. Hardy and half hardy biennials and perennials, but nearly all blooming the first year from seed.

Dianthus, Oriental Beauties, pkt. 10c.  
 Dianthus, double Japanese, packet, 10c.  
 Dianthus, double white, packet, 5c.  
 Dianthus, double mixed, packet, 5c.  
 Dianthus, single mixed, packet, 5c.

**Dianthus.** (Hardy Garden Pink.) Fine mixture of Double Pinks. Per pkt. 10c; single mixture, per pkt. 5c.

**Phlox Drummondii.** White; ht 2 ft. 10c  
 Double White; ht 1 to 2 ft. 15c  
 Double Yellow; ht 1 to 2 ft. 15c  
 Bright Scarlet; ht 1 to 2 ft. 10c

**Phlox Drummondii.** Red, with white eye; ht 1 to 2 ft. 10c  
 Rose, striped white ht 1 to 2 ft. 10c  
 Pink; ht 1 to 2 ft. 10c  
 Fine mixed; ht 1 to 2 ft. 5c  
 Large flowering, fine mixed; ht 1 to 2 ft. 10c

Very dwarf, Fireball brilliant scarlet; ht  $\frac{1}{2}$  ft. 10c  
 Very dwarf extra fine, mixed; ht 8 to 10 in. 10c

Cuspidata, "Star Phlox," mixed ht 1 ft. 10c  
 Well-known showy plant for bedding.

**Platystemon Californicus "Cream Cups."**  
 Yellow; ht  $\frac{3}{4}$  ft. 5c

**Portulaca.** There are scarcely any flowers in cultivation that make such a dazzling display of beauty as a bed of many-hued, brilliant-colored Portulacas. Height, 9 inches. Tender annual.  
 Portulaca, single mixed, 5c.  
 Portulaca, double rose, mixed, 10c.

**Primula Sinensis** (Chinese Primrose). These are, perhaps, the most desirable of all house blooming plants. They are in almost constant bloom all winter, and if the plants be transferred to the border they will bloom nearly all summer. Height, 9 inches.  
 Primula Sinensis, mixed, per pkt, 15c.

**Primrose, Evening.** Produces large, showy blossoms, which are fully expanded only towards and during evening. Blossoms three to four inches across, usually yellow or white, and very freely and constantly produced.

Oenothera Lamarckiana, per pkt, 5c.

#### PANSIES.

Pansies are the most popular flowers grown from seed, and their great variety of coloring makes them one of the most interesting. Sow the seed in September or October for early spring bloom; they may, however, be planted here almost the year round.

**New Superb Mixture.** Composed wholly of giant varieties; one of the most beautiful ever offered; the flowers are immensely large, of thick velvety texture and most distinct colors.

Per packet, 15c.

**Cassier's Giant Odier.** The flowers, of immense size, are of the popular Odier type, being all three-spotted or five-spotted on backgrounds of very rich colors. Per packet, 15c.

**Bugnot's Very Large Stained, Mixed.** An extra large flowering beautiful five blotted race; plants vigorous, with short stalks, bearing well above the foliage immense flowers of fine form and substance. Extra fine, per packet, 25c.

**Trimardeau. Very Large Flowered Mixed.** An entirely distinct and beautiful race with flowers of the richest and most varied shades of color. Plants of vigorous compact growth, and the flowers, which possess unusual substance, and consistency, are each marked with three large blotches or spots.

Per packet, 10c.

**Masterpiece Pansy.** It differs from all other types in existence in that the border of every petal is conspicuously undulated and curled. The colors are beautiful and varied and the flowers immensely large. Per packet, 25c.



Novelties for the first time offered here.

#### SWEET PEAS.

These are, perhaps, the most popular flowers grown. California is truly the paradise of Sweet Peas; here they bloom longer and more luxuriantly than anywhere else in the world. It was in California, too, that most of the Novelties introduced in recent years originated. You will find our Sweet Peas unequalled anywhere for largeness of bloom, and beauty and variety of color.

#### COUNTESS SPENCER HYBRIDS.

##### The New Orchid-Flowering Sweet Pea.

The type and form of these is a complete departure from anything yet introduced. Both the wings and standard are very large, and its graceful form, together with the immense size, makes it by far the most attractive variety in existence. There are five or six distinct shades contained in this mixture, but all are of the large flowering type and of the same form.

Mixture. Pkt. 10c; oz. 20c; 2 ozs., 30c.; 1/4 lb., 50c.; lb., \$1.50.

**King Edward VII.** A brilliant scarlet. A true giant flowering variety, with strong stems and growth, with no inclination to burn in the sun. A fine variety, much brighter than either **Mars** or **Salopian**. Pkt. 10c; oz. 20c; 1/4 lb. 50c.

**Admiration.** Pinkish-heliotrope, wings a shade lighter. Pkt. 5c, oz. 10c, 1/4 lb. 20c.

**Apple Blossom.** Bright rose pink; beautifully blended. Per pkt. 5c, per oz. 10c, per 1/4 lb. 20c.

**Blanche Ferry.** Pink and white; very large flowers. Per pkt. 5c, per oz. 10c, per 1/4 lb. 20c.

**Poppy.** A great variety of brilliant colors and various shapes. They make a fine display growing among the taller flowers and shrubs.

Poppy Carnation, single and double mixed, per packet, 5c.

Poppy Shirley, mixed colors, per packet, 5c.

Poppy Tulip, bright scarlet, per packet, 5c.

Poppy Mikado, double white, scarlet edge, per packet, 5c.

**Salvia.** The Salvia or Flowering Sage is a very ornamental plant, flowering in spikes of fiery red, and continues in bloom in open ground until frost. Height 1 foot.

Salvia patens, blue, per packet, 15c.

Salvia splendens, scarlet, per pkt, 10c.

**Salpiglossis.** Very showy bedding or border plants, with richly colored, erect, funnel shaped flowers. The colors are beautifully marbled and penciled, purple, scarlet, crimson, yellow, buff, blue and almost black. Bloom from August to October. Half hardy annual; one and a half to two feet high.

Fine mixed, hybrid varieties, pkt. 5c.

**Sanvitalia.** Very pretty, dwarf, trailing plants; excellent for rock work, borders or edging of beds. It is so completely covered with flowers as to nearly hide the foliage. Double flowers of a brilliant golden yellow, resembling a miniature double Zinnia. Hardy annual; 6 inches high.

Sanvitalia procumbens, double, pkt. 5c

## SWEET PEAS—Continued.

**Capt. of the Blues.** As the name indicates it is the best blue. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Claret.** A rich wine color. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Coquette.** Primrose, shaded fawn, very beautiful. Per pkt. 5c, per oz. 10c, per  $\frac{1}{4}$  lb. 20c.

**Countess of Radnor.** Delicate mauve or lavender. Per pkt. 5c, per oz. 10c, per  $\frac{1}{4}$  lb. 20c.

**California Giant, Mixed.** A very superb mixture of all the above varieties. Per pkt. 5c, per oz. 10c, per  $\frac{1}{4}$  lb. 20c.

**Duke of Clarence.** Brilliant rosy claret. Per pkt. 5c, per oz. 10c, per  $\frac{1}{4}$  lb. 20c.

**Emily Eckford.** Reddish mauve, very fine. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Emily Henderson.** Pure white; early. Per pkt. 5c, per oz. 10c, per  $\frac{1}{4}$  lb. 20c.

**Firefly.** Deep, brilliant scarlet. Per pkt. 5c, per oz. 14c, per  $\frac{1}{4}$  lb. 20c.

**Her Majesty.** Large, rose colored flowers. Per pkt. 5c, per doz. 10c, per  $\frac{1}{4}$  lb. 20c.

**Hon. F. Bonverie.** Salmon-buff, pink, wings creamy pink, very pretty. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Hon. Mrs. Kenyon.** Very best of the yellows. Pkt. 5c, oz. 10,  $\frac{1}{4}$  lb. 20c.

**Jessie Cuthbertson.** (New.) Pale buff striped with rosy magenta; very distinct and charming. Pkts. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Katherine Tracy,** soft but brilliant pink. Pkts. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Lady Grisell Hamilton,** the best of all lavender sorts. Pkts. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Lord Rosebury.** Rose magenta, grand flower. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Lovely.** A truly lovely shell pink; extra good. Per pkt. 5c, per oz. 10c, per  $\frac{1}{4}$  lb. 20c.

**Mars.** Extra large scarlet; very fine. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**J. & M. Prize Mixture of Sweet Peas.** The mixture contains the cream of the new and standard sorts. It is made up entirely of new and separate sorts, carefully proportioned as to its composition, and we can safely say: "There is no better general mixture in existence, no matter at what price or under what name it may be offered." Price, by mail, postpaid, pkt. 10c; oz. 15c; 2 ozs. 25c;  $\frac{1}{4}$  lb. 25c; lb. \$1.10.

#### Nitrogen-Fixing Bacteria for Sweet Peas.

We can supply to any of our customers who wish to experiment with Soil-Inoculating Germs for Sweet Peas. A trial package with directions 25c; mailed free.

**Mont Blanc.** The best of the early whites. Pkt 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Modesty.** White, tinted pink, very dainty. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Mrs. Jas. Chamberlain.** White striped pale rose. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Navy Blue.** Deep violet blue, very fine. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Prima Donna.** Light, blush pink; very fine. Per pkt. 5c per oz. 10c, per  $\frac{1}{4}$  lb. 20c.

**Red Riding Hood.** A very good red. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Salopian.** Dark bright red; one of the best of this color. Pkt 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Senator.** Bright brown, shaded on white. Per pkt. 5c, per oz. 10c per  $\frac{1}{4}$  lb. 20c.

**Stanley.** Rich dark maroon; finest dark variety. Per pkt. 5c, per oz. 10c, per  $\frac{1}{4}$  lb. 20c.

**Sensation.** White suffused with blush; very fine. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Stella Morse.** Very large, cream color, slightly shaded. Pkts. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Sadie Burpee.** Pure white, slightly hooded; very fine. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Triumph.** Very large, orange pink, and white. Pkt. 5c oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Venus.** Lovely buff, shaded pink. Per pkt. 5c, per oz. 10c per  $\frac{1}{4}$  lb. 20c.

#### DWARF SWEET PEAS.

**Cupid Mixed.** A mixture of the best varieties. Pkt 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Firefly Cupid.** Brilliant scarlet; free bloomer. Per pkt. 5c, per oz. 10c, per  $\frac{1}{4}$  lb. 30c.

**Pink Cupid.** A dwarf Blanche Ferry. Per pkt. 5c, per oz. 10c, per  $\frac{1}{4}$  lb. 30c.

**White Cupid.** Pure white; very fine. Per pkt. 5c; per oz. 10c; per  $\frac{1}{4}$  lb. 30c.

**Sensitive Plant.** An interesting and curious plant, with globular heads of pink flowers, well known for the extreme irritability of its leaves and foot stalks, which close and droop at the slightest touch, or in cloudy, damp weather, and during the night. Tender annual. Height, 1½ feet.

Mimosa Pudica, per packet, 5c.

**Scabiosa.** (Mourning Bride.) Produce a profusion of large double flowers of striking shades of color. Hardy annual. About 1 foot high.

Scabiosa, double mixed, per pkt, 5c.

**Smilax.** No climbing plant in cultivation surpasses this for the graceful beauty of its foliage. In cut flowers and for use in wreaths, etc., it is indispensable to florists. Height, 10 feet. Tender perennial.

Myrsiphyllum asparagoides, pkt, 10c.

**Sweet William.** The improved varieties of this popular flower are very beautiful and should find a place in every garden. A great variety of strong colors, variegated with lighter shades. Height, 18 inches. Hardy perennial.

Dianthus barbatus, red, per pkt, 10c.

Dianthus barbatus, single mixed, per packet, 5c.

Dianthus barbatus, double mixed, per packet, 10c.

Dianthus barbatus, pure white, per packet, 10c.

**Stocks.** The Stocks as now grown are indispensable where a fine display of flowers is wanted. To such perfection has selection brought them that good seed will give a large proportion of flowers as double and as large as the named sorts grown from cuttings.

Double German Ten Weeks, pure white, per packet, 10c.

Intermediate, white, per packet, 15c.

Intermediate, scarlet, per packet, 5c.

Brompton, mixed, per packet, 10c.

Perpetual, mixed, per packet, 15c.



Ten Week's Stock

**Sunflower.** An exceedingly double variety of this well-known plant, adapted by its stately growth for a background to the lawn or to screen unsightly places. Height, 5 feet. Hardy annual.

Helianthus Californicus, per pkt. 5c.

**Trumpet Vine.** Magnificent, deciduous hardy climber, with brilliant flowers; deserving a first place as an ornamental and effective covering for walls, houses, etc. Height, 20 to 30 feet. Hardy perennial.

Bignonia radicans, per packet, 10c.

**Thurnbergia.** (Black-eyed Susan.) Beautiful, rapid growing annual climber, thriving in a light, rich, loamy soil, in warm situations in the garden; very pretty flowers in buff, white, orange, etc., with dark eyes.

Thurnbergia, mixed colors, packet, 5c.

**Virginia Creeper.** One or the best climbing plants for permanent situations, as it is perfectly hardy, clinging to the sides of whatever it may be grown against by the rootlets it throws out all along the stems. Height, 50 to 100 feet. Hardy perennial.

Ampelopsis quinquefolia, per pkt, 10c.



Thurnbergia.

Violet. The Violet should not be wanting in any garden, on account of its fragrance and early appearance; succeeds best in a shady, sheltered place. Height, 4 inches. Hardy perennial.

Viola odorata, per packet, 10c.

Viola cornuta, purple, per packet, 10c.

Viola cornuta, white, per packet, 10c.



Verbena.

**Verbena.** The most popular bedding plant grown from seed. The fine variety of colors makes it one of the most desirable annuals in the catalogue for general culture. Tender annual.

Verbena hybrida, mixed, per pkt, 10c.

Verbena, pure white, sweet scented, per packet, 10c.

Verbena, scarlet, per packet, 10c.

Verbena, mammoth, mixed colors, per packet, 10c.

Verbena, lemon, lemon-scent foliage, per packet, 10c.

**Virginia Stock.** Hardy annual, very useful for border or edging. A continual succession of blossoms may be kept up the whole season by sowing at intervals through spring and summer. The flower and plant are quite as desirable as the Candytuft; grows about 9 inches high. Cheiranthus maritimus, per packet, 5c.

**Wall Flower.** The large, massive spikes of the Wall Flower are very conspicuous in beds and borders and are deliciously fragrant, perfectly double, and combine many shades of color. Height, 18 inches. Tender perennial.

Cheiranthus cheiri, single mixed, per packet, 5c.

Cheiranthus cheiri, double, mixed, per packet, 10c.

**Wisteria Vines.** One of the quickest growing climbers of fine bright foliage, producing bunches of rose-lilac flowers in great abundance during the spring. If once started it will live for five years. Height, 20 feet. Hardy perennial.

Glycine sinensis, per packet, 10c.

**Zinnia.** Fine, large double flowers of a great variety of colors—red, rose, crimson, scarlet, purple, orange, white and yellow. Height, 2 feet. Half hardy annual.

Zinnia, double dwarf, white, pkt, 5c.

Zinnia, double dwarf, scarlet, pkt, 5c.

Zinnia, double dwarf, mixed, pkt, 5c.

Zinnia, zebra striped, per packet, 5c.

## THE HOME GARDEN.

A great many people do not know what varieties of seeds to select for their garden. We here offer a collection of seeds which constitute the best of everything. This assortment of vegetable seeds we offer

FOR \$1.00 OR BY MAIL FOR \$1.25.

1 Kentucky Wonder.	14 Onion, Extra Early White Queen.
2 Beans, New Stringless Green Pod.	15 Onion, Australian Brown.
3 Beans, Bush Lima.	16 Parsnips, Half Long.
4 Beets, Edmund's Blood Turnip.	17 Pepper, Bull Nose.
5 Cabbage, J. & M. Early Drumhead.	18 Pea, Nott's Excelsior.
6 Corn, Oregon Evergreen.	19 Radish, California Mammoth.
7 Carrot, Early Scarlet Short Horn.	20 Radish, Early Scarlet Turnip.
8 Celery, White Plume.	21 Salsify, Mammoth Sandwich Island.
9 Cucumber, White Spine.	22 Squash, Hubbard.
10 Lettuce, Wonderful.	23 Squash, White Bush.
11 Lettuce, Summer Cabbage.	24 Tomato, Earliana.
12 Muskmelon, Jenny Lind.	25 Tomato, Dwarf Stone.
13 Watermelon, Augusta Round, White	26 Turnip, Purple Top Globe.

## LAWN GRASS SEED.

We have established a reputation throughout Southern California on the high quality of lawn grass seed furnished by us. If you wish a beautiful velvety lawn, you avoid all risk by buying from us direct.

We shall at all times be pleased to make up mixtures for special requirements and situations. Correspondence invited about any difficulties experienced in getting the right turf for any purpose or in any place.



A Los Angeles Lawn.

**Hints on Lawn Making:** Lawn grass seed may be sown the year round in California. In making a new lawn the soil should be carefully cultivated to the depth of one foot, and prepared to the desired level, and well rolled, after which a light raking will prepare it for the seed. If the soil is poor it should be enriched with well-rotted, sifted stable manure, or some good commercial fertilizer. Sow the seed carefully and evenly, using one pound to cover an area of 200 square feet; rake in well and roll.

**Fertilizing the Lawn:** To keep up the beauty of a lawn, it will be necessary to feed the grass well. You cannot expect it to retain that depth and richness of texture and color which characterizes it while young, after the elements of plant food have been exhausted. That which the plants take from the soil in their development must be supplied from time to time in order to keep the grass up to a high standard of health. We recommend a good commercial fertilizer in preference to stable manure, which is almost certain to sow noxious weeds.

**Fancy Kentucky Blue Grass.** The purest and best lawn seed. Produces a lasting and beautiful effect. We sell only the finest quality of this seed. Per lb. 25c; 100 lbs. market price.

**White Dutch Clover.** Makes a showy effect much quicker than the blue grass, and is frequently used alone. In conjunction with blue grass, however, it forms the finest and closest turf. Per lb. 40c; 100 lbs. market price.

**Lippia Grass.** Similar in appearance to clover. Very hardy; rarely needs water. It trails close to the ground, seldom needs cutting, and is almost indestructable; particularly desirable for parks, terraces and lawns in the country where water is scarce, for it keeps green throughout the summer season without water; propagated by transplanting. Sold in boxes. One box will be required to set about 500 square feet. Per box \$1.00.

## LAWN FERTILIZERS.

It does the work of twenty times its weight of barnyard manure; does it better, quicker and cheaper and lasts longer; does not disfigure your lawn with an unsightly, ill-smelling mass; contains no weed seeds and is easily applied.



**A. C. M.** This is a high-grade fertilizer, especially prepared to promote the vigorous and healthy growth of a luxuriant grass, enabling it to stand rough usage and protracted heat of summer. Being free from weed seed and odorless, it is far superior to the unsightly and strong-smelling stable manure dressings for use on lawns. It is unequalled as a food for plants and flowers, and especially roses. Five pounds will sow 100 square feet of lawn. Per lb. 5c; 100 lbs. \$2.50.

**Bone Dust.** Has proven to be highly satisfactory to the vegetable and strawberry growers, who use it in large quantities. It is applied to berries with our Bacon Drill, which does the work perfectly. Per 100 lbs. \$2.50.

**Bradley Fertilizer.** Is entirely soluble; applied to lawns, causes a vigorous growth of grass having a dark green color. We claim it will, if applied to roses, produce such a healthful growth of foliage that they will be proof against mildew. Try it. Per 5 lbs. 25c; 100 lbs. \$3.00.

We also carry in stock fertilizers for vegetables, potatoes, small fruits, etc.

## OUR LAWN GRASS SEED.

We give particular attention to the quality of our **Lawn Grass Seed**. Our Kentucky Blue Grass and our White Clover is always tested thoroughly before purchasing. The result is that gardeners will have no other, knowing they will not be disappointed.

We have always on file a list of good gardeners, whom we can recommend for reliable work.

## YUCCA TREE PROTECTORS.

Just the thing with which to protect the young trees and shrubs from the rays of the hot summer sun, being cheap and serviceable.

	Per 1000	No.	Per 1000	
4 30 in. long, 7 in. wide..	\$17.50	7	16 in. long, 7 in. wide..	\$11.25
5 24 in. long, 7 in. wide..	15.00	8	14 in. long, 7 in. wide..	10.00
6 18 in. long, 7 in. wide..	12.50	9	12 in. long, 7 in. wide..	9.00
10 10 in. long, 7 in. wide.....			8.00	



## OUR COLLECTION OF HARDY PLANTS. FOR 50 CENTS

We will send one packet each of the following:

Aquilegia (Columbine),	Campanula,
Chrysanthemum Maximum,	Coreopsis Lanceolata,
Delphinium (Larkspur),	Fox Glove (Digitalis),
Gaillardia,	Hollyhock,
Platycodon,	Sweet William.
10 packets of Choice Perennials for 50 cents, postpaid.	

## SEEDS OF CLIMBING PLANTS.

Seven Varieties.

## SEVEN PKTS. FOR 25 CENTS.

Balloon Vine,  
Hyacinth Bean,

Nasturtium,  
Morning Glory,  
Australian Pea Vine.

Ornamental Gourds,  
Thurnbergia,

## J. & M. RELIABLE TREE AND SHRUB SEEDS.

We do not carry a large stock of these seeds, as the demand is limited. What we do have, however, are always fresh, true to name and sure to grow.

### ORNAMENTAL AND FOREST TREES.

**Acacia decurrens.** (Black Wattle.) A medium-sized tree, of quick growth. Is hardier than the Blue Gum. Per pkt. 5c; oz. 50c.

**Acacia floribunda.** A fine ornamental tree, with abundant, handsome flowers. Per pkt. 10c; oz. 30c.

**Acacia melanoxylon.** (Blackwood.) A very valuable timber tree; grows 80 feet in height. Per pkt. 5c; oz. 30c.

**Acacia Iophantha.** Very rapid grower; good tree for temporary shelter. Per pkt. 5c; oz. 30c.

**Brachychiton acerifolium.** See Sterculia for other varieties. (Flame Tree.) Very beautiful; produces an abundance of scarlet flowers. Pkt. 5c; oz. 30c.

**Camphora officinalis.** Camphor tree of commerce; makes a fine ornamental tree. Per pkt. 5c; oz. 30c.

**Cupressus Lawsoniana.** (Lawson's Cypress.) The variety commonly used for hedges. Per pkt. 5c; oz. 10c.

**Cupressus sempervirens.** (Italian Cypress.) Can be trained to any desired form; tall and tapering. Per pkt. 5c; oz. 10c.

**Cedros Deodara.** (Himalayan Cedar.) Beautiful evergreen of pyramidal form; foliage bluish-green; gracefully drooping. Per pkt. 10c; oz. 50c.

**Eucalyptus globulus.** (Blue Gum.) A very rapid grower; useful for many purposes. Per pkt. 10c; oz. 50c.

**Eucalyptus citriodora.** (Lemon-scented Gum.) The leaves have a fragrance equal to lemon-scented verbena. Per pkt. 25c; oz. \$2.00.

**Eucalyptus corynocalyx.** (Sugar Gum.) A very popular variety, especially adapted to dry regions. Per pkt. 10c; oz. \$1.00.

**Eucalyptus ficifolia.** (Scarlet Flowering Gum.) A beautiful tree, ornamented with trusses of large crimson flowers. Per pkt. 50c.

**Eucalyptus rostrata.** (Red Gum.) Timber is unsurpassed for durability, and is used for railroad ties, etc. Per pkt. 10c; oz. 50c.

**Eucalyptus robusta.** A remarkably hardy variety, much used for street planting in this vicinity. Per pkt. 10c; oz. 75c.

**Grevillea robusta.** (Silk Oak.) A beautiful, large, fern-like tree; bright yellow flowers. Per pkt. 10c; oz. 50c.

**Pinus Coulterii.** (Big Cane Pine.) A fine native tree; has the largest cone of all pines. Per pkt. 5c; oz. 30c.

**Pinus insignis.** (Monterey Pine.) A valuable native evergreen; cultivated solely as an ornamental tree. Per pkt. 5c; oz. 25c.

**Sequoia gigantea.** (California Big Tree.) The largest tree that grows on the American continent. It has attained a height of 450 feet. Per pkt. 10c; oz. \$1.00.

**Sequoia sempervirens.** (California Redwood.) The most valuable of our native timber trees. The wood is a rich brownish-red. Per pkt. 5c; oz. 35c.

**Sterculia Diversifolia.** Australian flame tree; a fine tree for street planting. Per package. 10c; 50c oz.

**Thuja aurea.** (Golden Arbor Vitae.) A dwarf variety; top foliage yellowish-green. Per pkt. 5c; oz. 35c.

**Thuja occidentalis.** (American Arbor Vitae.) The best known variety; a native of the Eastern States. Per pkt. 5c; oz. 30c.

**Viburnum tinus.** (Laurustinus.) A handsome shrub, covered early in the season with clusters of beautiful white flowers. Per pkt. 5c; oz. 20c.

### PALMS AND DECORATIVE PLANTS.

**Areca lutescens.** One of the most graceful and beautiful palms in cultivation; the foliage is a bright, glossy green, with rich, golden yellow stems. Per pkt. 25c. A fine, graceful house palm. Per pkt. 25c.

**Chamaerops excelsa.** A very large and extremely hardy palm. Per pkt. 5c.

**Phoenix Canariensis.** One of the hardiest of the date palms, with dark green feathery foliage; much used for lawns. Per pkt. 10c.

**Phoenix dactylifera.** Yields the date fruit of commerce. It is a native of Asia and Northern Africa, where it attains a height of 75 feet. Per pkt. 5c.

**Phoenix Reclinata.** One of the small slender trunk varieties, fine for street planting. Packet, 10c; per 100 seed, 75c.

**Erythrina Edulis.** A hardy fan palm. 10 seed 15c; 100 seed \$1.00.

**Seathorthia elegans.** One of the best palms for ordinary decorative purposes; of graceful habit, and rapid, easy growth. Per pkt. 15c.

**Washingtonia filifera.** Our well-known California Fan Palm. Per pkt. 5c.

**Washingtonia robusta.** Similar to the above, but darker green leaves, smoother and without threads. Per pkt. 10c.

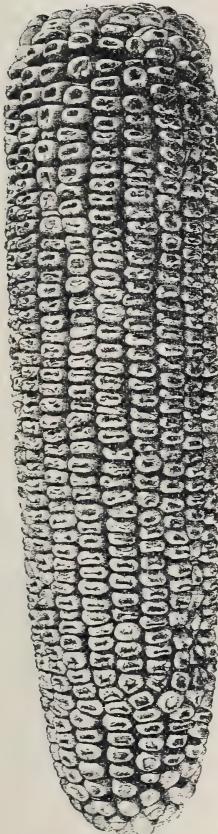
## FARM AND FIELD SEEDS.

The prices on field seeds are subject to market fluctuations, hence the quotations here given are intended as being suggestive rather than final.

Our customers can depend on receiving the lowest prices at all times, but it would be well to write for special quotations on large orders.

We would also advise against comparing printed prices on grain, corn, etc., intended for stock feed and the market with those of our selected seed stock. As a matter of fact, the latter is always the cheaper in the end.

### FIELD CORN—EASTERN GROWN.



Reid's Yellow Dent.

**King of the Earliest, 85 Days.** The earliest Dent variety. Ears short, 12 to 16 rows, well filled. Grain long and yellow, making an extra quality meal. Per lb. 5c; 100 lbs. \$3.50.

**Improved Leaming, 90 Days.** Ears are large and handsome, with deep, large grains; orange-yellow color and red cob. Per lb. 5c; 100 lbs. \$3.50.

**Pride of the North, 90 Days.** One of the best sorts; ears have from 14 to 16 rows, grows 8 to 10 inches in length, slightly tapering; color light orange. Per lb. 5c; 100 lbs. \$3.50.

**Minnesota King, 100 Days.** A large-grained variety; yellow. Per lb. 5c; 100 lbs. \$3.50.

**Wisconsin White Dent, 90 Days.** A perfect white Dent corn, of good quality, resembling the Leaming. Per lb. 5c; 100 lbs. \$3.50.

**Champion White Pearl, 90 Days.** A fine white flint corn. Per lb. 5c; 100 lbs. \$3.50.

**Early Mastedon.** Having grown and sold the Early Mastedon corn four years, we recommend it as being decidedly the best of all Yellow Dent varieties. Every one who has seen it grow is enthusiastic in its praise. Large ears, deep grains, and as many as 24 rows on a cob. Eastern grown, per 100 lbs. \$3.50.

**The Iowa Silver Mine.** A large White Dent. The grains are as large as the Hickory King, but longer, having a small cob. It is the most desirable of all White Dent varieties. Per 100 lbs. \$3.50.

**Red Cob, Ensilage.** A large stalk with a profusion of leaves which makes it the most desirable for ensilage. Price, per 100 lbs. \$3.50.

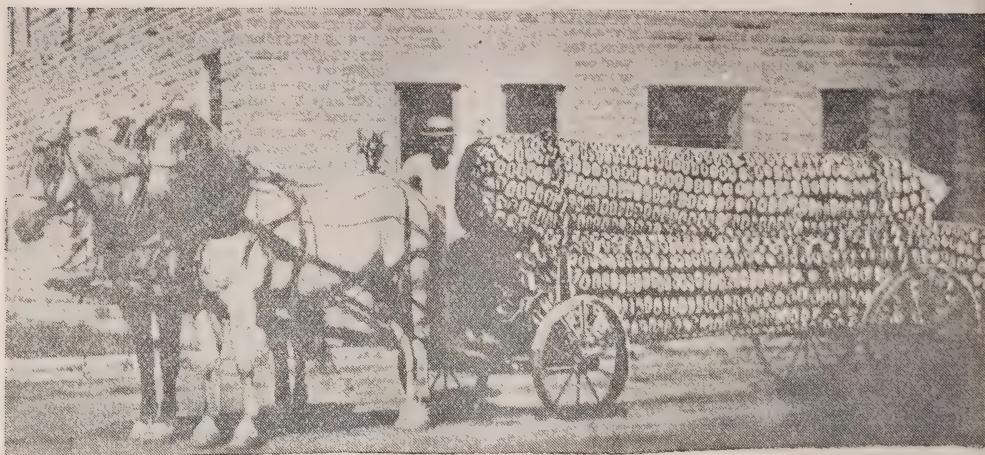
**Stanford White Flint.** An excellent White Flint corn. More prolific than the King Philip. It is an excellent extra early table corn. It has long ears and a small cob. Price, per lb. 5c; per 100 lbs. \$3.50.

**White Cap Yellow Dent.** Exceedingly prolific and hardy, resisting drought much better than other varieties. Per 100 lbs. \$3.50.

**Reid's Yellow Dent.** This is the variety that has been brought to a high state of perfection by the Illinois growers, and drew the medal at St. Louis because it averaged the greater number of pounds per bushel. Price, per 100 lbs. \$3.50.

**King Philip, 90 Days.** A small yellow variety, very popular in this market. Price on application.

**Hickory King, 110 Days.** A white variety, having the largest grain with the smallest cob ever introduced in a white corn. Price on application.



The Iowa Silver Mine grown on the Rosemead Ranch by James Gooch. He says the Silver Mine exceeded all other varieties in the yield per acre.

#### FARM AND FIELD SEEDS—Continued.

**Japanese Buckwheat.** This sort has proven to be much earlier and more productive than any other variety. Grains very large and of rich brown color. It excels all in yield and earliness. Per lb. 10c; 100 lbs. \$4.00.

**Local Grown Red Oats.** Write for sample and price.

**Macaroni Wheat.** Try it. Per 100 lbs. \$5.00.

**Defiance Wheat.** Being rust proof, is the best for this locality.

**Winter Rye.** Largely used for plowing under and for first pasture, as it grows rapidly from the seed. Write for price.

**Barley.** We aim to have good, clean seed. Write for sample and price.

#### CLOVER AND GRASS SEEDS.

**Alfalfa.** Our standard Clover. Write for price.

**White Dutch Clover.** Used principally for lawns, but is also excellent for pasture. Per lb. 30c.

**Italian Rye Grass.** Very valuable for pasture in this climate. Its nutritive value, earliness and quickness of growth after it has been cut, is unsurpassed. Sow 30 to 40 pounds to the acre. Per lb. 15c; 100 lbs. \$9.00.

**Perennial Rye Grass.** One of the best grasses for permanent pasture. Leaves long, narrow and fine; darker in color than the Italian, not more than half as large and slower to develop. Sow 40 pounds to the acre. Per lb. 15c; 100 lbs. \$9.00.

**German Millet.** Produces from 4 to 5 tons of hay to the acre, and from 70 to 80 bushels of seed. Yields 2 crops in a season. Sow 30 pounds to the acre. Per lb. 10c; 100 lbs. \$5.00.

**Common Millet.** It is an annual grass, its luxuriant leaves being very juicy and tender, are much relished by all stock. It makes a very good hay. Sow 30 pounds to the acre. Per lb. 5c; 100 lbs. \$4.50.

**Hungarian Millet.** It germinates readily and stands great drought. Has numerous succulent leaves, broad and over a foot in length. Furnishes an abundance of green fodder, relished by all kinds of stock. Sow 40 pounds to the acre. Per lb. 10c; 100 lbs. \$5.00.

**Salt Bush (Atriplex Semibaccatum.)** This is the common Salt Bush. Will grow on any soil and has solved the problem of utilizing our alkali land. Will grow in the strongest black or white alkali soil and produce an abundance of nutritious fodder.

## FARM AND FIELD SEEDS—Continued.

**Pearl Millet.** No other plant makes so much forage as this; 7 cuttings may be had in a season. Sow seed in drills, 5 pounds to the acre. Per lb. 20c.

**Salzer's Billion-Dollar Grass.** It will produce a hay crop in from six to ten weeks, anywhere; and if sown the latter part of April, will be ready to cut the middle of June for hay, attaining the height of (according to the richness of the soil) from 5 to  $7\frac{1}{2}$  feet. It is pre-eminently the grass to sow if you are going to be short of hay for your cattle and sheep. Sow 20 pounds to the acre. Per lb. 15c; 100 lbs. \$8.00.

## FORAGE AND FODDER PLANTS.

## COW PEAS, FIELD PEAS, VETCHES.



Field of Wonderful Cow Peas grown by  
Thos. Gooch.

**The Velvet Bean.** Is famous as a rampant grower, and as a soil renovator. (Also an excellent forage plant.) Price, per 100 lbs. \$5.00.

**Wonderful Cow Pea.** The most valuable pea ever introduced for forage stock feeding, enriching land and for eradicating weeds and grasses. Its yield is enormous. Per lb. 10c; 100 lbs. \$5.00.

**Whip-poor-will.** This Southern Cow Pea has proven to be very satisfactory in this climate. It is equal to the Wonderful Cow Pea as a forage crop or for plowing under. Price, per 100 lbs. \$5.00.

**Soja Bean.** The plant grows erect, averaging 3 feet in height. The stalk is strong and woody, and has numerous branches covered with heavy foliage. The branches and upper part of main stem are thickly studded with clusters of pods, from two to five pods growing in a cluster. Makes forage as good as Cow Peas. The vines are cut when the leaves are in milk. The beans are frequently used as a substitute for coffee. Per lb. 10c; 100 lbs. \$7.00.

**Broad Windsor Bean.** Grows upright on single stem, bearing a profusion of large, well-filled pods. The roots are enormously productive of nodules. We especially recommend it to hog ranchers. Price, per 100 lbs. \$5.00.

**Nitro Culture.** The new Bacteria Cultures, by the aid of which leguminous plants are inoculated with the particular bacteria which fasten themselves on the plant roots, extract nitrogen from the air to the great benefit of the plant growth and the land. Most successful on crops new to a locality, and on soil naturally deficient in nitrogen. We offer bacteria cultures for Alfalfa, Cow Peas, Garden Peas, Beans, Vetches, etc. Write for pamphlet. Price, trial pkt. 50c; 1 acre pkg. \$1.50; 5 acres \$5.00.



Vetch.

**Culture.** Throughout the Southern States Cow Peas are universally used in preference to any other plant for forage as well as soil renovators. Their growth is marvelous, yielding 25,000 pounds of green or 5000 pounds of dry hay to the acre. They make the best green fertilizer for turning under in orchards. When sown in rows 3 feet apart, 30 pounds will sow an acre. Sown broadcast, 80 to 100 pounds are required to seed an acre properly. If grown for fodder or seed, plant in drills and cultivate thoroughly. If grown to plow under, sow broadcast.

## THE THREE GREATEST SOIL RENOVATORS.

Cheapest and best fertilizer, which thrives better in the winter season.

**Vetch** was first grown in Southern California as a fertilizer by Dr. Monckton at Highgrove in 1897. It was so superior to the Pea that its popularity spread rapidly until the season just past that it eclipsed the Pea. More carloads of Vetch were planted than of the Pea, and if obtainable it may supersede the Pea entirely. Price, per 100 lbs. \$4.00.

**Canadian and Blue Peas.** These excellent soil renovators are probably the best suited to our local conditions. They are hardy enough to withstand our severest winters, therefore can be grown during the rainy season without artificial and expensive irrigation. They absorb alkali if not too excessive. A luxuriant crop can be grown when planted after January 1st. Price, per 100 lbs. \$3.00.

### FENU-GREEK.

Note what Mr. A. D. Bishop, of Orange, says of it:



Fenu Greek.

ORANGE, CAL., Nov. 1, 1906.

*Messrs. Johnson & Musser Seed Co., Los Angeles.*

GENTLEMEN:—In asking your aid in introducing this, the first commercial crop of seed for a cover crop produced at home, I wish to say the following regarding Fenu-Greek:

No seed of which I have knowledge germinates more quickly, and it is not nearly as susceptible to injury from frost as peas, nor is it attacked by mildew or other disease. Owing to the rapidity of its germination and good growth during cool weather, a good crop of herbage can be secured if planted as late as the 20th of December, which makes it of special value to walnut growers. Owing to the fact that we have grown an excellent crop of herbage the first year with an abundance of root nodules, it would indicate that the bacteria of Burr Clover or Yellow Heliotrope with which our soils are already inoculated, had found a congenial home in its roots, thus rendering it a nitrogen gatherer of the first order.

Fenu-Greek has an advantage over Burr Clover and other decumbent plants, inasmuch as it stands erect, rendering it more easy to manage at plowing time. The crop of herbage measured by weight is far superior to that of Burr Clover or Peas.

Yours very truly,

(Signed) A. D. Bishop.

We are indebted to Mr. C. G. Teague of Santa Paula, for the following:

"Answering your inquiry regarding Fenu-Greek, will say that our experience with it covers a period of two years. For the soils of this locality it seems admirably adapted for a green manure plant. It makes a much stronger growth than the Cow Pea. It may be either broad-cast or drilled in, from 10 to 20 pounds of seed to the acre being about the right amount. The ground should be furrowed immediately after sowing, so that it may be irrigated if necessary. It should be sown after the last irrigation in the fall or after the winter rains have set in. I believe that Fenu-Greek shows great promise of being a valuable green manure plant." Price on application.

## SWEET POTATO.

In some sections about Los Angeles Sweet Potatoes grow to perfection and a few ranchers are making a specialty of growing them. A good crop pays well. We cannot give space here for complete instructions, but a book has been published by James Fitz that gives valuable information. We recommend it to large growers. We will mail it to any address upon receipt of 75c.

Owing to the perishable nature of small Sweet Potatoes used for seed, also plants, we do not keep a supply on hand, but upon application we will procure them, pack them in crates and forward them in good condition. We cannot guarantee that they will arrive in good condition, owing to irregular delivery by railway. Write for price for both seed and plants. Cash must accompany the order. We do the best we can to start them in good condition, but we cannot guarantee their arrival in good condition.

### A New Sweet Potato.



One Hill of Jas. Baxter's Mammoth Red Sweet Potato. Weight, 9 $\frac{1}{4}$  lbs.

**Baxter's Mammoth Red.** This new Sweet Potato deserves to become very popular with all who make a specialty of growing Sweet Potatoes, because it will produce three hundred sacks to the acre, that will keep until all others are out of the market, and it grows better in flavor with age. With this variety the grower can be selling Sweet Potatoes all the year round. Price, per 10 lbs. \$1.00; per 100 lbs. \$7.00; per 100 plants \$1.00; per 1000 plants \$6.00.

The following prices on seed Sweet Potatoes are subject to market changes, and in ordering in quantity it would be well to write for prices.

**Yellow Jersey or Nansemond.** A fine old variety. 5 lbs. for 25c; 100 lbs. \$3.00.

**Red Jersey.** A smooth potato, with yellow flesh. 5 lbs. for 25c; 100 lbs. \$3.00.

**Large White.** The largest variety. 5 lbs. for 25c; 100 lbs. \$3.00.

**Sweet Potato Plants.** Ready about April 1st. Any of the above varieties, per 100 plants 50c; per 1000 plants \$4.00. Write for special quotation on large lots.

The growing of Sweet Potatoes is one of the best paying crops in California, if your soil is suited to the purpose. There is seldom an over production, prices are nearly always high.

## POTATO.

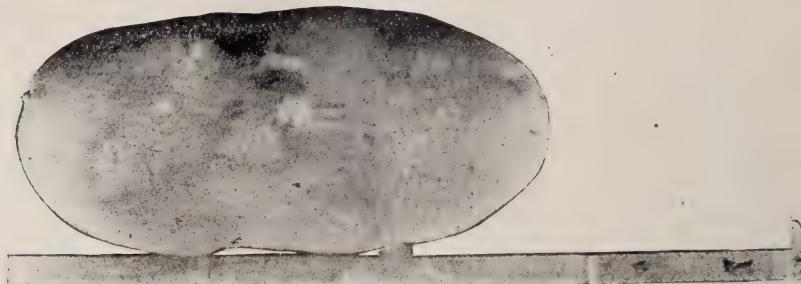
**A simple way to prevent scale.** Put a pint of formalin into a barrel that holds about twenty-five gallons of water. Put your potatoes in gunny sacks, and keep them completely submerged in the liquid for two hours; if very scabby, for two hours and a half; then cut and plant.

Mr. A. J. Young of Huntington Beach, is the best authority on potato culture in Southern California. He has propagated from seed many new and valuable varieties of potatoes. Having discarded all but the best ones, he decided to keep the three varieties shown on the plate on the opposite page.

**Young's Surprise.** Will surprise you when you have given them a trial and see results. It does best in a sandy sediment, growing clear of scale. It is a late potato, good and mealy; the yield is surprisingly large, as many as ten large potatoes in a hill; it is similar in shape and appearance to the White Rose and might be termed the Late White Rose. Price, per lb. 10c; 15 lbs. \$1.00.

**The Wonderful Scab Proof.** Is an excellent table potato, medium early, heavy yielder and averages large in size. The skin is rough and it is a good keeper; it thrives well in any soil. We do not hesitate to recommend it for trial. The supply is very limited, but we wish all to get at least one potato to try. Price, 1 lb. 10c.

**Young's Prizetaker** is the best, all round late potato. It thrives in any soil and the yield is enormous, and the quality for table use is unsurpassed. Mr. A. C. Shears of Santa Ana, writes to Mr. Young thanking him for one Prizetaker potato that yielded 38 pounds, being three times as much as he raised from other varieties in the same field. Price, per lb. 10c; 15 lbs. \$1.00; 100 lbs. \$5.00.



White Rose.

**The White Rose** is now the most popular potato in Southern California. Its earliness, productiveness and its hardy resistance to blight and scale insures it to be the most profitable potato to grow. Per 100 lbs. \$2.50.

**Early Rose.** We have received a carload of the finest Early Rose potatoes from Oregon. They are just beginning to sprout and are in the best of condition to plant at once. Call and see them. Price, per 100 lbs. \$2.50.

All who bought our Oregon Early Rose last year were more than pleased. It was owing to their testimonials that we were encouraged to get a car this year.

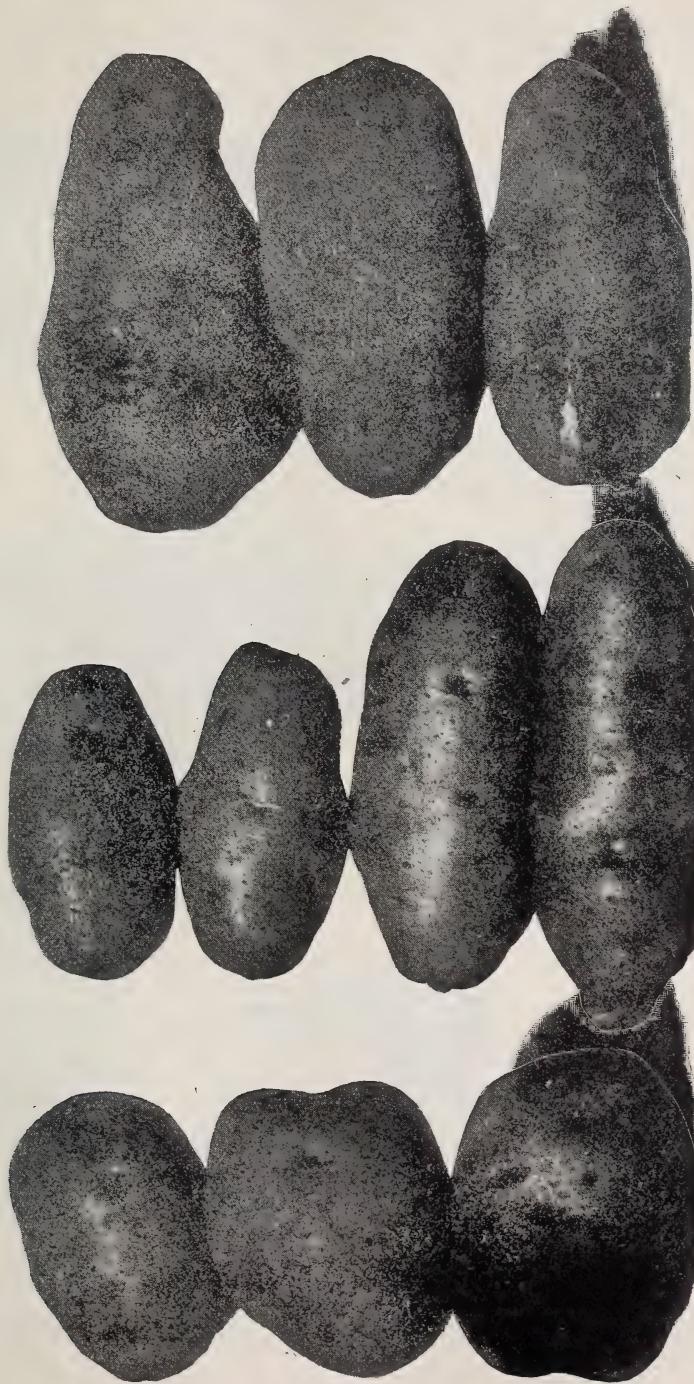
We also have a mixed carload of **Early Ohio Triumph** and **Early Rose** potatoes from Michigan. They are in good condition to plant at once.

**The Triumph** is well-known here, but good seed is scarce. We are determined to keep up the pure strain and offer our Michigan stock at \$3.50 per 100 lbs.

**Early Ohio** is one of the very best potatoes for the table, a fair yielder and very hardy. Price, per 100 lbs. \$3.50.

 The above prices are subject to the fluctuations of the market.

THREE NEW POTATOES.



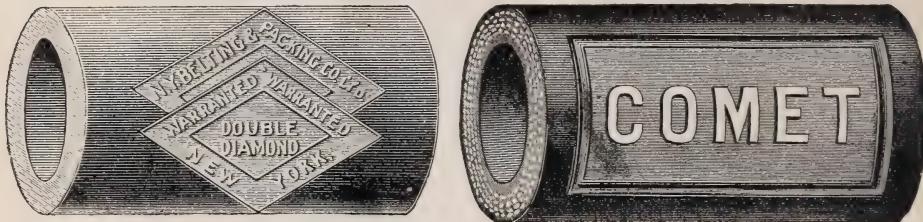
Young's Scal Proof.

Young's Surprise

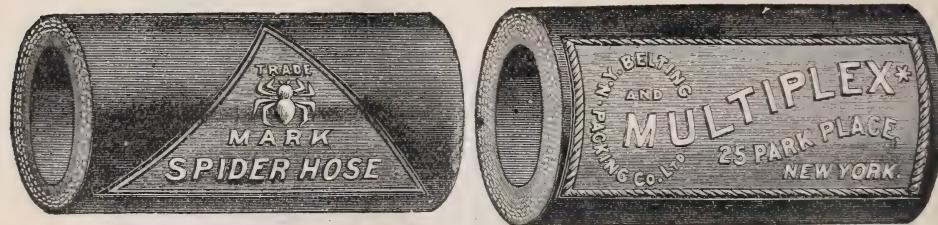
Young's Prizetaker.

## GARDEN HOSE.

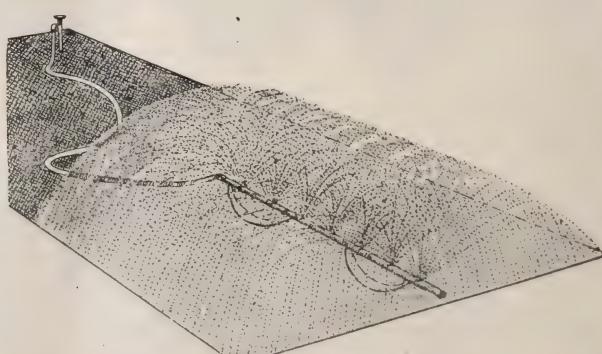
All our Garden Hose is Guaranteed. We do not hesitate to guarantee the following brands because we have been selling them for ten years and know them to have given satisfaction to every purchaser, hence we have discarded all other brands. When you want good garden hose, do not hesitate to order from us.



Brand.	Per Foot.
Water Snake. Half-inch .....	.08
Water Snake. Three-quarter inch .....	.09
Spider. Three-ply half-inch .....	.10
Spider. Three-quarter inch .....	.12
Black Seal. Four-ply, half-inch .....	.10
Black Seal. Three-quarter inch .....	.12



White Cross. Four-ply, half-inch .....	.12
White Cross. Four-ply, three-quarter inch .....	.14
Multiplex. Seven-ply, half-inch Spray Hose .....	.16
Torrent. Seven-ply, three-quarter inch .....	.24



Gem.

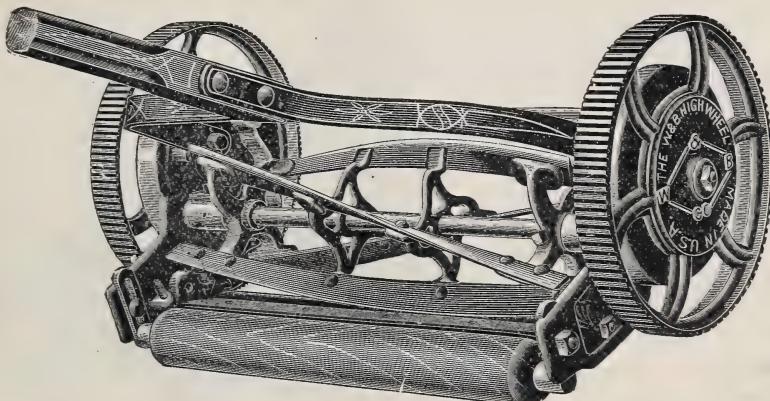
**Dewdrop Sprinkler.** This is the latest and best thing in the way of a Sprinkler for lawn or garden. It sprays a rectangular area of ten feet by twenty feet. Price, \$2.00.

The Gem Nozzle is the best. Price, 50c.

We are headquarters for everything pertaining to garden hose. Ask for what you want. We have it.

**The Crescent Lawn Mower.** This is a first-class, high-grade Lawn Mower, made throughout in the best possible manner. Its material, workmanship and finish are unequalled. The ratchet, which is the life of a Lawn Mower, is certainly one of the best and most desirable in use. The cutting blades are of the best quality of crucible steel, tempered in oil. The reel is made with three or four blades, and revolves in brass boxings, which have a simple arrangement for taking up any wear that may occur in use. The handle is adjustable to suit the height of the user.

10-inch cut, 3 blades	.....	\$3.00
12-inch cut, 3 blades	.....	3.50
14-inch cut, 3 blades	.....	4.00
16-inch cut, 3 blades	.....	4.50
12-inch cut, 4 blades	.....	4.00
14-inch cut, 4 blades	.....	4.50
16-inch cut, 4 blades	.....	5.00



The Henley High-Wheel Lawn Mower.

**The Henley High-Wheel Mower.** This Mower, in its mechanism, quality of material, workmanship and finish, is exactly like the Crescent, except that it is a much larger mower, and is designed for cutting thick, heavy and high grasses. The reel has four blades and runs in brass boxings. The drive wheels, which are  $9\frac{1}{2}$  inches in diameter, are open for an inch of a way below the threads, giving the Mower a most graceful appearance.

14-inch cut, 4 blades	.....	\$5.50
16-inch cut, 4 blades	.....	6.00
18-inch cut, 4 blades	.....	6.50

**The Henley Ball-Bearing Lawn Mower.** In the Henley Ball-Bearing Lawn Mower is realized the culmination of mechanical skill in Lawn Mower construction. No effort or expense has been spared to make this Mower perfect in every respect. Where two parts are joined together in this Mower, they are machined with the greatest care, so that they will fit together with mathematical exactness. As a result, there is no lost motion anywhere about the Mower. It combines strength with lightness, and is noiseless in operation. This Mower is graceful in appearance and is highly finished.

14-inch cut	.....	\$8.00
16-inch cut	.....	8.50
18-inch cut	.....	9.50
20-inch cut	.....	10.50

**Pony Lawn Mower.** Thirty-inch cut, with horse attachment. Price, \$20.00.

**The Pennsylvania Lawn Mower.**

Low wheel, 14-inch cut	.....	\$9.00
Low wheel, 16-inch cut	.....	10.00
High wheel, 15-inch cut	.....	12.00

## "PLANET JR." FARM AND GARDEN TOOLS.

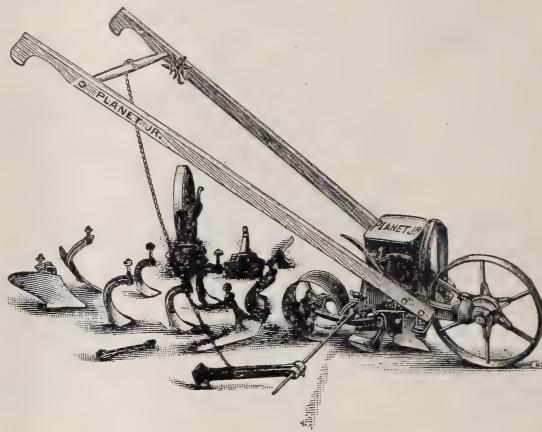
Space will not permit our showing and describing all of the "Planet Jr." tools, but we will send a fully illustrated catalogue *free for the asking* to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices.

### Planet Jr. No. 25, Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow. Price, \$14.00.

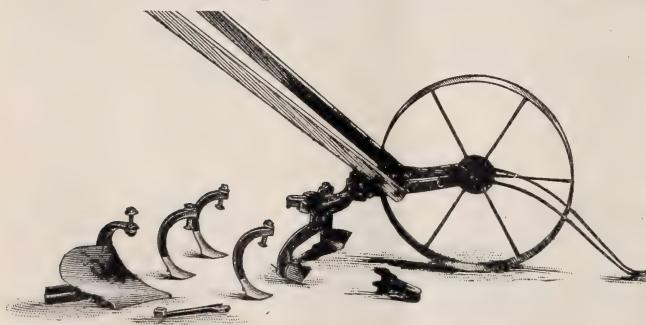
This new combined machine is intended for gardeners who have a large enough acreage in crops, for a Double Wheel Hoe to be used to good advantage, and prefer not to buy separate machines.

As a drill it is almost identical with the "Planet Jr. No. 4 Drill," and is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills.

As a Wheel Hoe it is identical with the "Planet Jr. No. 12 Double Wheel Hoe," the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and the whole combination is one we can heartily recommend and guarantee satisfactory.



### "Planet Jr. No. 35, Single Wheel Hoe, Cultivator and Plow." Price, \$6.75.



The Equipment consists of two 6-inch "Planet Jr." hoes, three improved steel cultivator teeth, a large garden plow, and an improved double leaf guard.

The Adjustment for depth is very quickly made by loosening one bolt.

Both Sides of the row can be hoed at once when plants are small, by means of a frame extension which goes with each machine.

The Hoes are of the well-known superior "Planet Jr." form, which may be set to cut the furrow away from the row or to throw a very slight furrow towards it at pleasure. The front ends of the hoes act as leaf lifters, and at the same time as shields to keep the earth from falling back on young plants, while the special form cuts the weeds away safely close to the plants at the surface, but rounds away from the roots beneath.

The Steel Wheel is high, to make an easy running Seeder, and while a high wheel is not necessary for Hoeing and Cultivating, this one will suit many persons who like a high wheel machine.

The Frame is strong and has a quick change device which permits the tool to be changed without removing the nuts.

## FARM AND GARDEN TOOLS—Continued.

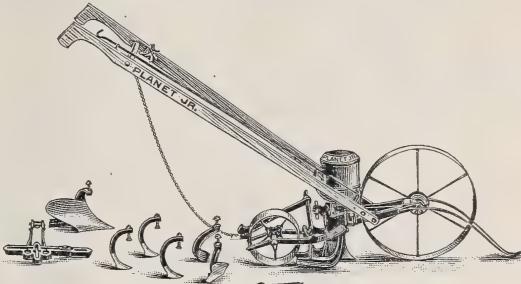
**Planet Jr. No. 6, Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow.**  
This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever, or the flow of seed is stopped by pushing down the feed rod. No time is lost, no seed is wasted. It is quickly set to sow the different kinds of seeds in the exact thickness required.

The accurate hill dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over again in seed alone. We guarantee this drill to be accurate and give satisfaction in every respect.

No. 6 Hill and Drill Seeder and Single Wheel Hoe (new).....\$14.00

No. 6 Hill and Drill Seeder, Plain, less Cultivating Attachments (new).....\$11.50

No. 66 Drill, Seeder only (without Hill Dropper Attachment) ..\$10.50



## “IRON AGE” GARDEN TOOLS.

**No. 6, “Iron Age” Combined Double and Single Wheel Hoe, Hill and Drill Seeder.**  
Lightest, strongest, neatest and best. The simplicity and completeness of the Iron Age Combined Implements, in all their forms make their use practical, even with the busiest gardeners. Ask for fully illustrated catalogue.

From Seed Drills these tools can be converted into Wheel Hoes, either Single or Double, it requiring but about three minutes to change to Double Wheel Hoes and about two minutes to Single Wheel Hoes, by an inexperienced operator. Mr. T. Greiner, a practical gardener and a well-known writer on garden subjects, writes as follows:



“I have used the Iron Age Combined Double Wheel Hoe and Seed Drill for three seasons, and I can truly say that it has made the task of sowing seeds (which always falls upon me personally), a veritable pleasure. I do not know of any weak point in this machine; at present I use no other make of garden drill. I used to be very pronounced in favor of single tools, for the reason that in the combined tools one wore out two tools at a time, and had to waste much time in making the changes from Drill to Wheel Hoe and vice versa. The Iron Age meets these objections quite successfully, the former fully, the latter to a great extent. When the Wheel Hoe is wanted, the Drill part is taken off and the change made in a minimum of time.”

No. 6 is the most complete and most popular of all Combined Garden Tools and does its great variety of work perfectly. Besides it works as either a Double or Single Wheel Hoe, it plants in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart. Sows a greater variety of seeds than other drills do, because of the separating qualities of the brush agitator. Fully adjustable and can be regulated instantly. Price, \$12.00; without Drill Attachment, \$7.50; packed weight, 56 pounds.

## IRON AGE GARDEN TOOLS—Continued.

**No. 20 "Iron Age," Single Wheel Hoe.** In our No. 20 we offer our latest and most complete Single Wheel Hoe. The wheel is 16 inches high and has a broad faced tire, being  $1\frac{3}{4}$  inches wide. It is securely held in position by two rigid arms, which are made of tubing and coupled to a malleable casting, to which the working tools and handles are attached. Being constructed on the principles mentioned above, it is necessarily very strong and yet light in weight.



One pair of side hoes, three cultivator teeth made of solid steel, one pair of rakes, and a landside plow are furnished with the tools when it is purchased complete.

With the different working tools a great variety of work may be accomplished; in fact, it completely fills every desire in handling the soil. There is a large class of amateur gardeners, who in buying a garden tool, question whether they will have enough use of a Seed Drill to warrant them in paying the additional price for a Combined Wheel Hoe and Seed Drill. To all such we especially recommend our No. 20, when a Single Wheel Hoe is desired, for at any future time a seed drill attachment may be applied, which converts the tool into a Seed Drill possessing every advantage of a tool made expressly for the purpose, and at simply the additional cost of a seed attachment. Likewise a Fertilizer Distributor Attachment may be applied with equally satisfactory results.

Price, \$6.00. With Seeder Attachment, \$11.00.

**No. 19, "Iron Age" Wheel Plow and Cultivator.** Price, \$4.00. Packed weight, 22 pounds.



The Wheel is made of steel twenty-four inches high, and is very strong. The tire is one inch in width.

The Frame is made of steel throughout, which insures durability and lightness.

The handles are made of best oak, and are nicely finished.

The Working Tools consist of a plow, rake, scuffle hoe and two cultivator teeth.

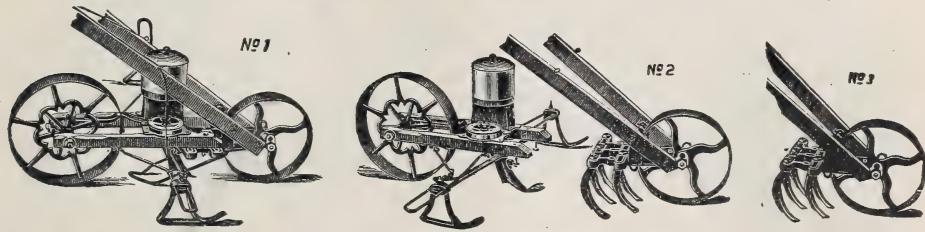
## FARM AND GARDEN TOOLS—Continued.

**Diamond Five-Tooth Garden Cultivator.** Plow, hoe and weeder combined. The most complete hand tool made; and the only single wheel hand cultivator having five teeth. Simple, strong and very light in weight. Strawberry growers pronounce this the most satisfactory Cultivator for that work. Price, complete with all attachments, \$5.00.



Single Wheel Diamond Cultivator.

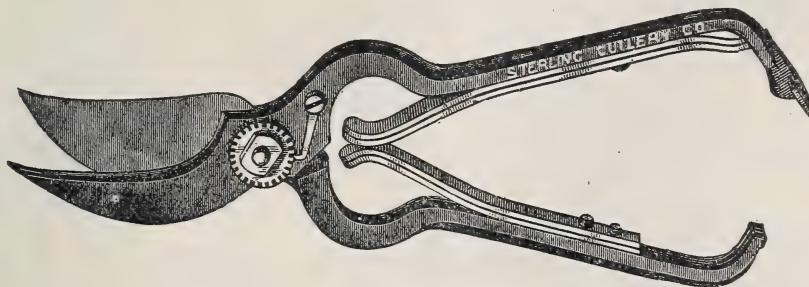
**Bacon Drill Combined with Double Wheel Cultivator.** The most complete garden tool ever made. This drill has the Cultivator, which may be used as a single or double wheel tool, working between or straddle the row. The front wheel, which is the Cultivator wheel, is composed of two separate wheels, forming a single broad tread wheel. This wheel may be separated, throwing the two halves to cut the outside of the wheel arms, making a double wheel tool for working straddle the row. Gardeners say they cannot wish for anything better, as this does the work perfectly and can be relied upon. Price, \$9.00.



Bacon Drill, Combined with Single or Double Wheel Cultivator.

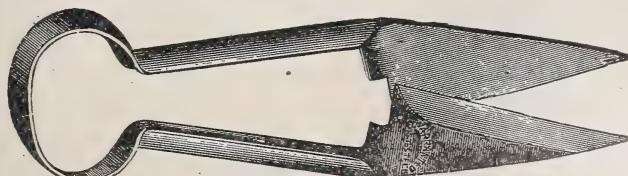
**The Waters' Pruner.** The great favorite; it is more extensively used than any other. Price, 6 feet, 80c; 8 feet 90c; 10 feet \$1.00.

We carry a complete line of Pruning Shears for every conceivable purpose. Write for prices or call and select for yourself.



Sterling Pruning Shears.

Sterling Pruning Shears.	Price .....	\$2.00
Crescent Pruning Saw.	14-inch .....	.60
Duplex Pruning Saw.	14-inch .....	.60



Grass Shears.	Straight blade, light .....	\$ .35
Grass Shears.	Extra heavy, strong spring .....	.60

## FARM AND GARDEN TOOLS—Continued.

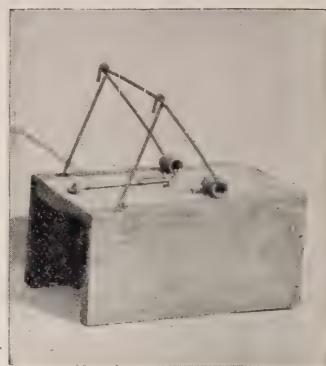


Starr Mole Trap.

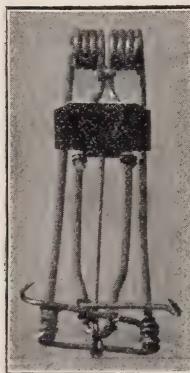
**The Box Trap.** Introduced about four years ago. It has steadily grown in favor. It is used with great success; it is easy to set; a sure catch. Price, 25c.

**Mole Trap.** It is the best that has been patented. If properly placed over the runway it is sure to catch the mole, no matter which direction he travels. Price, 75c.

**The Newhouse Gopher Trap.** In principles similar to the Starr Trapp. The spring is stronger and more durable. Price, 25c.



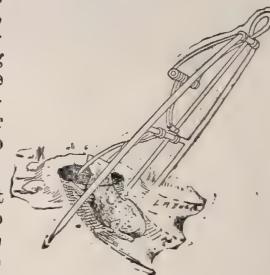
Box Trap.



Macabee Gopher Trap.

**Snap Shot Gopher Trap.** This trap was placed on the market by us nine years ago with the Hump Spring. It became a great favorite over the entire Pacific Coast and in Nebraska, where, by chance, it became known. Owing to the expense of manufacturing it, we found it more profitable to handle the cheaper traps. But owing to the continued demand for the Snap Shot, we have again manufactured a lot of them. If a gopher comes around catch him with a Snap Shot. Price, 50c.

Directions for setting the Snap Shot Gopher Trap: Draw the spear up until the trigger catches in the niche in the spear. Set close over the hole so the gopher cannot get out without disturbing the trigger. Set as shown in the picture. It is a sure shot.



Snap Shot Gopher Trap.

Surest, best, most durable. Will outlast a dozen ordinary traps.

**Macabee Gopher Trap.** Price, 25c.

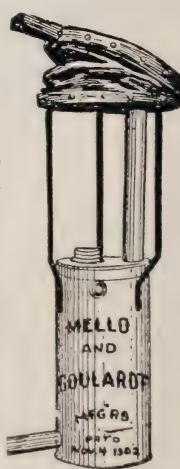


Ward's Trap.

**Ward's Trap.** It is a great favorite. When it is understood how to set it properly, it seldom fails to catch the gopher. Price, 25c

**Eureka Squirrel Exterminator.** With the use of Carbon Bi Sulphide this is the best and cheapest implement with which to eradicate the squirrel and the gopher pests on your land. We can confidently recommend the use of this machine in vineyards, orchards, grain fields, pasture lands, etc. It is of simple construction, weighing but eight pounds, and is made of the

best galvanized sheet steel with a bellows attached. The working of the bellows causes the Bi-Sulphide in the machine to generate a gas which is forced throughout the hole or holes, not forcing in any liquid, but simply a gas from the Bi-Sulphide, thus saving the user 75 per cent. of the Carbon Bi-Sulphide bill over the old way of saturating balls of old rags or cotton. A colony of squirrels can soon destroy fifty dollars worth of vegetation. Five dollars expended for this Exterminator will destroy all the squirrels or gophers about your place. Price, \$5.00.

Eureka  
Squirrel Exterminator.

## FARM AND GARDEN TOOLS—Continued.

**Bille's Gopher Poison** has had the greatest success in the Middle West. The secret of its success is that while it is sure death to the gophers, squirrels, etc., it is most attractive to them. It gives the grain a glossy coating that enables it to retain the poison for weeks; hundreds die in their holes by eating the poisoned grain which they have stored. Not an ordinary poison; in a class by itself; endorsed by Agricultural Colleges and Experiment Stations; guaranteed by makers to be as represented or money refunded. Price, large bottle. \$1.25.

201 Gophers Killed in One Day.

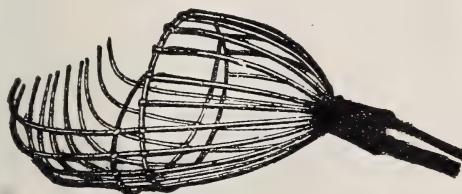


We, the undersigned, N. C. and H. Bille, do solemnly swear that the picture represents 201 gophers which were killed during one day, June 20, 1904, on a ten acre field, from the contents of one bottle of "Bille's Gopher Poison." (Signed) N. C. and H. Bille.

Subscribed and sworn to before me this 6th day of July, 1904. J. B. Vail, J. P.

**The Starr Gopher Trap.** Is well-known and by many preferred to all others. Price, 25c. (See page 84.)

**The Pennsylvania Fruit Picker.** No ranch is completely equipped without this valuable tool. It is always the choicest fruit that cannot be reached from the ladder; you do not wish to knock it down with a club as the fall would bruise it. Use this Fruit Picker and the fruit is caught in the pocket prepared for it. Every ranch that has half a dozen or more fruit or walnut trees should have one or more Pennsylvania Fruit Pickers. Price, 50c.



Pennsylvania Fruit Picker.

**Acme Potato Planter.** Any man can plant two acres with perfect ease in a day. The secret of the Acme Potato Planter's work is that it makes the holes, drops and covers the seed in one operation. Price, 60c.



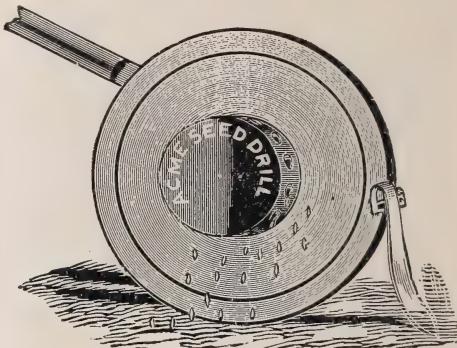
Pennsylvania Fruit Picker in Operation.

## FARM AND GARDEN TOOLS—Continued.

**Acme Seed Drill.** A garden seed drill that will distribute beet, cabbage, celery, carrot, lettuce, radish, turnip, and all similar seeds with perfect regularity. It is utterly impossible for it to sow anything but accurately, doing the work as thoroughly as the most costly machines, and will cover ten times the ground that can possibly be covered by hand. It is simple in construction, so easily understood that a child can be taught to use it. Price, 75c. By mail, postpaid, \$1.00.



Cahoon Seed Sower.

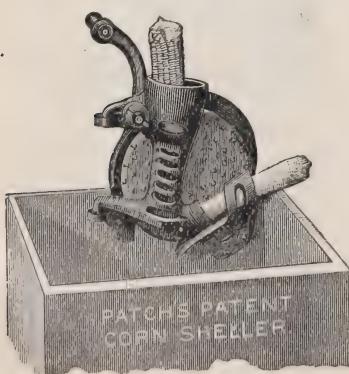


**Cahoon Seed Sower.** The standard Sower, acknowledged superior to all other hand Sowers. Gives perfect satisfaction and can be used for sewing alfalfa and all grains broadcast. Sows from four to eight acres per hour at a common walking gait. A saving of four-fifths of the labor and one-third of the seed by its use. A person entirely unused to sowing by hand can use this machine with perfect success. Price, \$3.50.

**Aspinwall Sprayer.** This little Sprayer has met with a large sale since its introduction, as it is an implement that is needed by every gardener and greenhouse man. Every one is well made, and has been tested with an automatic spray pump, which is important, for if the tubes, which should meet are not adjusted correctly, the spray is poor and the pump defective. Price, 75c.



**Crescent Corn and Bean Planter.** The handsomest, lightest, most accurate, strongest, cheapest and most up-to-date planter on the market. Never cracks a kerrel nor skips a hill. It is always in position, never makes wrong move. Many gardeners are using this for their replanting. (See picture.) Price, \$1.25.



**Black Hawk Corn Sheller.** Will shell easily and rapidly. Strong, simple and durable. It will also separate cob from shelled corn. We guarantee every Sheller to give satisfaction. Price, \$2.50.

**Eclipse Corn Planter.** Rotary drop, with extra plate for different size corn. This is the very best hand planter made. Price, \$1.25.

Ask for anything you may want pertaining to garden tools, we may have it although not listed.



Crescent Corn and Bean Planter.

## FARM AND GARDEN TOOLS—Continued.

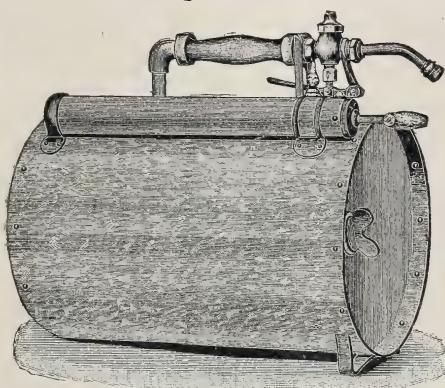
**Lowell Compressed Air Sprayer.** Hold five gallons. Fill two-thirds with liquid and pump air into it with all the pressure you can control. It is then ready to operate.

There is a rubber extension to reach low and high plants, also a curved rod extension that a man standing erect can spray the under side of the leaves of small plants. This is absolutely the best Sprayer yet offered.

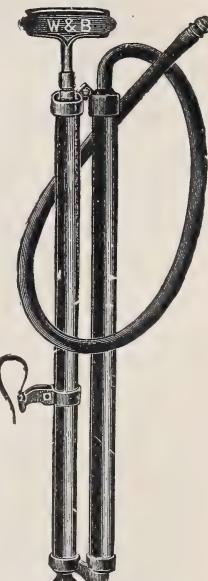
We sold a great many of them last season; it proved to be just the kind of a Sprayer they were wishing for. Mr. Gwin of Burbank, purchased one, and the next day we sold two to his neighbors; the same can be said of each section where one was sold. Price, \$6.00; with extension, \$7.00.

**Bucket Spray Pump.** The Bucket Pump is carefully made throughout with brass cylinders, brass base and rubber valves; all working parts easy to get at. Has special spring attachment for attaching to and detaching from a bucket or vessel in an instant. Has three-

ply hose securely fastened to the top of the air chamber, and not exposed to the solution, and within easy reach of the operator. It is also provided with a broad, high serviceable hand-hold that is appreciated at once, as the pumping is all done on the down stroke; thus the operator can keep a constant pressure on the nozzle and secure satisfactory results with either the sprayer or continuous stream. Price, \$3.50.



Lowell Compressed Air Sprayer.



Bucket Spray Pump.

**The Complete Sprayer.** Has been sold locally for a number of years. It has proven very satisfactory. It is similar to and is operated like the Lowell Sprayer. Price, \$4.00.

**The J. & M. Bag Truck.** Every store keeper in California needs a bag truck like this. Ranchers very often need one. The J. & M. Bag Truck is strong and and light. Price, \$3.00.



Clipper Corn Knife.

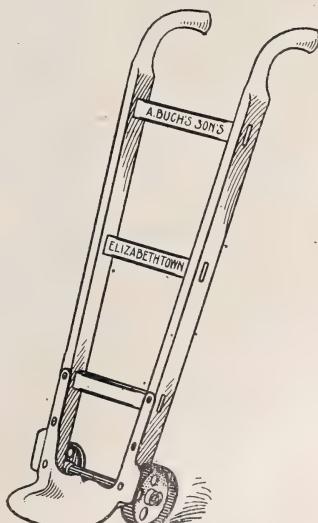
**Clipper Corn Knife.** Straight taper blade. Price, 40c.



Havil Lawn Weeder.

**Havil Lawn Weeder.** Pull weeds, roots and all. No sore knuckles. Price, 40c.

We always have on hand a full line of garden tools. If there is anything you want for your lawn or garden, write for it, we have it.



Bag Truck.

## INSECTICIDES.

**Aphis Punk.** Is a soft paper saturated with nicotine, rolled and dried. When lighted it burns slowly and is a cleanly, convenient and effectual remedy for "smoking" conservatories, etc., being especially effective against green and black fly and thrip or roses, carnations, chrysanthemums, etc. It is also valuable when burned under trees or bushes for destroying caterpillars and other insects. Use 2 to 3 rolls for a 100-foot house. Price, per box of 12 rolls, 60c; or by mail 70c.

**Kerosene Emulsion.** Prepared according to the most improved formulæ; ready for use by simply adding water (25 to 50 parts water to one of Emulsion) for Cabbage worm, scale on trees, caterpillars, melon louse, rose bugs, green fly, and lice of all kinds, all sucking insects, either on plants or animals. Price, per gallon, 25c.

**Nicotine.** An extract of tobacco, containing about 40 per cent nicotine. A most effectual, economical and safe remedy for fumigating greenhouses. Use a scant tablespoonfull to 1½ pints of water for each pan, which is sufficient, when vaporized, by placing a hot iron in it, for 600 square feet of floor space. Price, pint bottle, \$1.50.

**Paris Green.** A poisonous, insoluble powder, indispensable on the farm or garden, for preventing the ravages of potato bugs, codlin moth, worms, caterpillars, slugs and bugs. Applied as a powder it should be mixed with flour, 100 parts to 1 part of Paris Green. In solution mix 1 pound in 200 or 300 gallons of water. Price, ½ lb. pkg. 15c; 1 lb. pkg. 50c.

**Special—DEVIL DUST—Attention.** We wish to call special attention to this Insecticide, because it has been thoroughly tried and it merits all the praise we can give it.

Mr. Coulson of Montebello, said it saved his melons from being destroyed by the beetle. He will use it extensively next season.

Mr. Wiltfong of Sherman, said he applied it to several rows of squash; these matured perfectly, while the rows to which he did not apply it were destroyed entirely by the green aphid. We sold great quantities of it last season, and wherever it was used it proved satisfactory. We therefore feel justified in calling special attention to "Devil Dust."

We furnish it in packages at 25c, 50c and \$1.00; also in bulk at 15c per lb. or 8 lbs. for \$1.00.

**Rex Arsenate of Lead** for all leaf-eating insects. It is entirely safe to apply at any desired strength without scorching the foliage. Mix and stir thoroughly two teaspoonfulls to a gallon of water. For codlin moth use 3 pounds of Arsenate of Lead to 50 gallons of water. Price, 1 lb. cans, 50c.

**Rex Insect Powder** kills insects on poultry, live stock; also on plants. Price, per 1 lb. pkg. 25c.

**Rex Conditioner** for all animals. Price, in packages, 25c, 50c and \$1.00.

**Chloro-Naphtholeum** for scale, red spider and rustmite, for insects on vegetables, green fly in hot houses and blight on trees. Kills any insects on poultry or live stock. Price, per bottle, 50c.

**Killamite.** Absolutely sure death to lice, mites, fleas, ants or any other insects. To be used on poultry, animals and plants. Price, per pkg. 25c.

**Mende's Mite and Lice Exterminator.** Price, per 1 quart bottle 25c.

**Reade's Herbicide.** The original and standard weed exterminator. It is perfectly odorless. One single dressing done according to directions will keep gutters, paths and roadways clear of weeds, grasses, dandelions, burdocks, etc., for a full year or more. It is the most effectual killer known; it does the work at one-twentieth part of the cost of any other method, and is also far more convenient to use than any other material. Price, per bottle sufficient for 5 gallons, 50c.

# Incubators and Brooders.

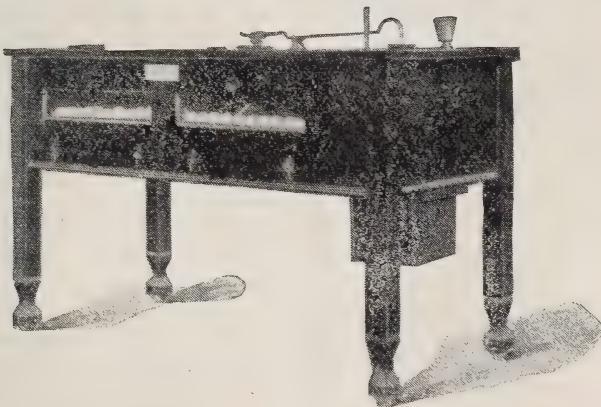
## Our Reasons for Incorporating These in our Seed Catalogue

Along with the raising of vegetables, fruits and flowers, we have found that Poultry raising is one of the most important features of farm work, and that the Incubator is an important feature of Poultry raising. It is a success, and as much of a necessity on the farm as the plow or harrow.

After most careful examination and test of the various makes of Incubators and Brooders now on the market, we have taken the agency for the

## Glendale Hot Water Incubators and Brooders

because we can conscientiously recommend them as the best made, both as to principle and construction. They combine strength with neatness, and ease of operation with efficiency, which is the basic principal of all artificial incubation.



## WHY THE GLENDALE ?

The Glendale Hot Water Incubator and Brooder was created by one of the most practical men in the business. It is the result of many experiments, and was not placed on the market hastily. Although this is the first year of its general introduction to the public, still at the home of the maker it has been

**INCUBATORS AND BROODERS—Continued.**

in daily use for three years by people who are not in the business for the fun of it, but for the dollars. Therefore it has had practical tests and has been subjected to all kinds of conditions in order to see what it would do, and it did the trick, several discarding old and well-known makes in order to have a complete equipment of the GLENDALE HOT WATER INCUBATORS AND BROODERS.

The unanimous verdict of those who have used it, even for one hater, is that it is the easiest to operate, because it requires the least attention and is the most perfect in regulation and ventilation of any machine on the market. The ventilation and circulation is scientifically arranged and takes care of all the gases that accumulate in an Incubator, and which are so destructive to both eggs and chicks.

There is no sitting up nights with the GLENDALE, to try to keep the temperature right. In other words, it actually does what other Incubators should do, and which many unfortunately, fail in attaining. That is, it successfully hatches every hatchable egg, and what is better yet and of more vital interest to the purchaser, is that the Brooder will raise the chicks. We will give you a few brief reasons why this is so:

**MATERIAL AND CONSTRUCTION.** The very best of seasoned red-wood is used. Every piece selected is practically non-shrinkable. Each joint is well-fitted, and will not pull apart, and the body is strictly air-tight, and this is one reason of its great success, and why so many makes fail to produce the results claimed. If any crack or aperture appears in the body of the Incubator you will have trouble in spite of all you can do—and failure is almost certain to follow. This is why we claim so much for the GLENDALE. Its construction is as finished and firm as the best materials and skilled workmen can make it. Let us say right here, that this Incubator is made for use,—not ornament. Efficiency is not sacrificed to beauty. There is no fancy scroll work or gilt lettering, but the carpenter work is there.

The walls are all double, not card-board imitation, on the inside, built of good firm redwood, with an ample air space between them. The doors, while snug fitting, open and close easily, and do not jar the eggs. The doors have double glass, and there is one in front of each tray, so it is not necessary to open the whole front of the Incubator to remove the egg trays. These egg trays are so constructed that the eggs can be easily turned, there being an ample space between the eggs and the heating pipes. This space being practically eight inches, so when necessary, the hand or thermometer can be passed back over the eggs. It is not only a matter of convenience, but assures the evenness of temperature by having the eggs not too near the source of heat; besides the air around the eggs is better because of this space.

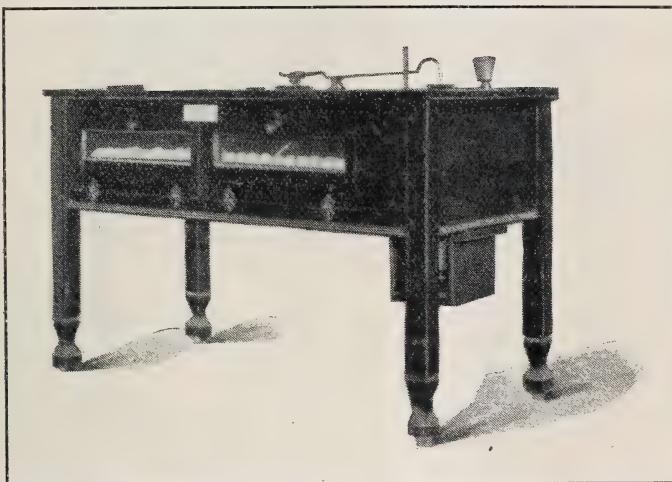
The machine is mounted on good strong legs, not spindles, and the whole inside of the machine is smooth and well finished.

The nursery, or chick space below the trays is ample. The chicks have a chance to stand erect and the trays can be moved in and out without danger to the youngsters below. Our thermometers are thoroughly tested, and are adjustable, so you can place the bulb wherever required, and is one that is

**INCUBATORS AND BROODERS—Continued.**

very easy to read. The regulator is a double disk, which is now generally accepted as the best method of successfully controlling the temperature of an Incubator. It is not only the truest and safest, as it will not only follow the thermometer up, but it will also follow it down which is of equal importance in case of a sudden drop in temperature from an outside cause. We use the hydro-safety lamp, the best lamp made, and while it may add a little to the expense of making the Incubator, we do not add to its cost, but we feel it is worth the extra expenditure on our part, because with this lamp, there is absolutely no danger. It is very easy to operate and is one that uses the least amount of oil.

In the matter of ventilation, we make one of our strong points. The ventilation is perfect, and successfully takes care of all the gases that arise from the egg chamber. Some of the gas settles, and this is also taken care of



by being drawn down and out of the Incubator. You must have pure air in the egg chamber to successfully bring forth the chicks, and this is a point that cannot be too carefully handled.

The few points we have mentioned above are the main features why our Incubator is so successful, but there are lots of other little items while small, are equally important factors in the making of a successful Incubator, but our space here does not permit our going into details of them all. With each machine we furnish complete instructions and full information for its successful operation. The views of the machine which are presented herewith, are actual photographs just as the machine will look while in operation.

**INCUBATORS AND BROODERS—Continued.**

The prices delivered to your nearest station, freight prepaid, are as follows:

## Incubators.

120	Eggs .....	\$22.00
240	" .....	32.00
360	" .....	42.00
500	" .....	52.00

## Brooders.

200	Chick Size .....	\$17.00
300	" " .....	22.00

A Few Words About Our HOT WATER BROODER as a whole. Being of much simpler construction than an Incubator, it is not necessary to give a detailed description, as people are more familiar with them.

**THE BROODER AND WHAT IS REQUIRED OF IT.**

In the first place, a brooder should supply the degree of heat required, and be so constructed as to furnish a graduated heat, thus giving the chicks an opportunity to seek and find the degree of heat that they may require.

In the second place, it must be properly ventilated so as to give the chicks at all times plenty of fresh but warm air. There must be a constant supply of fresh air going into the brooder, driving out the colder and foul air. In order to have perfect ventilation, you must have circulation, and in order to control the circulation, the warm air going in and the foul air going out, their connection with, and the general construction of the Brooder, must be so arranged as not to be affected by draughts of air.

**IT IS ABSOLUTELY NECESSAARY TO MEET THESE REQUIREMENTS IN ORDER TO HAVE ANY DEGREE OF SUCCESS WITH ARTIFICIAL BROODING.**

The GLENDALE BROODER meets these requirements fully. It is as carefully constructed as an Incubator, all doors are rabbeted and closely fitted, the boiler is enclosed and cannot be affected by outside air. It has glass doors on the top, so the chicks can easily be seen without opening the door. All the heat generated is taken into the brooder and utilized, thereby saving a great amount of heat that otherwise would be lost. The ventilation is ample, and the circulation is a forced one, which insures not only the proper temperature, but what is even more essential, a supply of absolutely fresh air. The piping is arranged to produce a graduated heat, enabling the chicks to accustom themselves to any degree of temperature. In fact it furnishes a direct contact heat to the backs of the chicks, just like the mother hen.

The great problem is not how many chicks can I hatch, but how many chicks can I raise? and any brooder that cannot successfully raise the chicks that are placed in it, providing of course, they have any vitality whatever, is scarcely worth your time to give them attention.

# The Improved Pacific Incubator.

The Improved Pacific is made of the best  $\frac{7}{8}$  inch Redwood, that having been found by long experience to be the very best for the purpose. All the walls are double, with heavy building paper between. The doors are of double glass.

Our tank is the diamond shape with the interior so constructed as to conduct the heated water to all parts of the chamber, this having been found by long experience to be the best and most complete method of heating. These tanks are made either of the best quality of 14 ounce copper or of 27 gauge galvanized steel as may be ordered.

The egg trays are all alike and of just the same size for all size machines. The nursery is a separate drawer under each tray, with burlap bottom, making a nice warm place for the chicks to dry off. We do not consider this nursery at all indispensable nor in most cases really necessary, but we make the incubators both with and without them to suit the desire of the purchaser.



IMPROVED PACIFIC. Capacity, 124 Eggs with Nursery.

Our lamps are of the best 27 gauge galvanized steel and will run from 24 to 36 hours and, with the chimneys made of Russia iron of the most approved shape, costing more to make than others, give more heat with less oil.

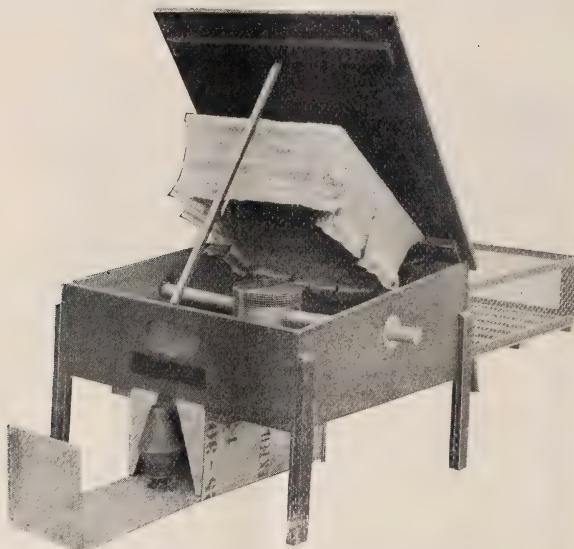
Our thermometers are of the very best make with wire frame secured to the egg tray so that it cannot be displaced and is always to be relied upon—no guess work.

As to that very important feature, the regulator, the inventors have made a further improvement for filling the disc by a patent device which more perfectly forces out all of the air and fills the same with the volatile fluid, which makes it the most sensitive and perfect thermostat that can be devised. We place these regulators on all our incubators, and with this and the diaphragm at the bottom of the chamber and the outlet at the top to supply ventilation and regulate the moisture, we think we have as nearly a perfect machine in these respects as can be made. In fact we make it a point to get the best material and appliances, which we buy for cash from first hands.

## INCUBATORS AND BROODERS—Continued.

Incubators of the same egg capacity are exactly alike except as to the material of which the tank is made. These capacities are not over rated, as is usual, but by actual test they hold the number of eggs stated, placed in them in the proper manner for hatching. This should be borne in mind when prices are compared with the others. With each incubator we furnish an egg tester and everything is complete to start hatching except the eggs and the oil.

We keep accurate account of the cost of lumber and the items of material that go into our machines and of the labor that it takes to make them in our well equipped factory with its improved machinery, and to this cost we have added just a fair and reasonable profit and are offering these machines at the very lowest prices. We do not pretend to compete with so many cheaply made articles on the market, which in many cases are but mere boxes, but we are making a first-class Incubator which an inspection will confirm. The half-tone does not do it justice, but it is the best we can give without undue delay.



THE PACIFIC COMBINATION BROODER.

Prices, crated, f. o. b., Los Angeles:

62 Egg Incubator,

Steel tanks, without nursery	.....	\$ 9.75
Steel tank, with nursery	.....	10.50
Copper tank, without nursery	.....	10.50
Copper tank, with nursery	.....	11.25

124 Egg Incubator,

Steel tank, without nursery	.....	17.75
Steel tank, with nursery	.....	18.75
Copper tank, without nursery	.....	18.75
Copper tank, with nursery	.....	19.75

248 Egg Incubator,

Steel tank, without nursery	.....	24.50
Steel tank, with nursery	.....	26.00
Copper tank, without nursery	.....	26.00
Copper tank, with nursery	.....	27.50

**INCUBATORS AND BROODERS—Continued.**

Is the result of long and costly experience in both making and using Brooders. Retaining all the best well known features, discarding others proved worthless and adding some of our own, we have in the Pacific just about a perfect Brooder. It has both bottom and top heat. The metal lamp and chimney with the best burner obtainable is underneath in the center, protected by a metal lamp box, with the lamp bowl on the outside, so the oil will not get hot like in most Brooders. It also has a metal bottom with a center drum extending up in the Brooder, with two smoke vents so that there is always plenty of combustion for the lamps, making it impossible for any smoke or fumes to get in the brooder. Over the metal bottom there is a  $\frac{7}{8}$  inch air space, then a matched wood floor with a wire guard around the drum, so that the air coming in between the metal and wood bottoms strikes the heated drum and radiates out and over the chicks. There is a hover with a curtain all around and a 4 inch space all around that, so that if the chicks get too warm in the hover they can go outside which is still nice and warm but cooler than under the hover. It has a window in the back and a curtain in front so that chicks can run out on the platform, which is help up level with the Brooder by a leg. The platform has a wire fence around 8 inches high, so the



chicks have plenty of room in which to exercise until they are old enough to run out. This Brooder has a  $\frac{7}{8}$  match top that raises up and off so that the whole of the interior can be seen and easily cleaned. The Brooder is  $2\frac{1}{2}$  feet square inside and the platform is  $2\frac{1}{2}$  feet square and, (as shown by first cut), is for indoor use only, but with platform let down on an incline and with our outdoor attachments, (as shown by second cut), which can be put on or taken off in one minute, it is made into an outside Brooder  $2\frac{1}{2}$  feet wide by 5 feet long with a hinged door and a glass 10x14 in the top, all so constructed as to make it a perfect storm-proof Brooder. Being so easily taken apart it is very easy to clean or move from place to place. It is given two coats of best lead and oil paint. We call this a 100-chick Brooder. Some talk 200-chick Brooders, but there never was one compartment Brooder large enough for more than 100 chicks; better still not more than 50 to 75 in each compartment. Crowding too many in one space makes many of the failures.

Price of indoor Brooder is \$10.00 and with the outdoor attachment, so that it may be used for either indoors or outdoors, the price is \$13.00. The price of the outdoor attachment alone is \$4.00. Prices are crated and f. o. b. Los Angeles.

The trays furnished with each Incubator, without extra cost, are the plain trays holding 62 eggs each. The eggs are turned by rolling them around with the hand. On the fifth day when the eggs are tested, enough infertile ones

## INCUBATORS AND BROODERS—Continued.

## EXTRAS.

will probably be thrown out to reduce the tray to about 50 eggs. We make extra trays with strips in them that hold just 50 eggs each which may then be used. The eggs are then turned by putting an empty tray over the full one, holding both firmly together and turn upside down. This is a sure and convenient way of turning the eggs. Automatic devices for this purpose are not satisfactory because they really do not work well and easily get out of order. In our trays, either plain or with the strips, there is nothing to get out of order, but they will last for years. We furnish plain trays only with the machines. These special trays with strips are 35 cents each or three for \$1.00, three being needed for a 124 egg machine.

The following are, of course, furnished with each machine without extra cost, but should any be wished in addition to what go with machine, the prices are as follows:

Egg Trays, plain.....	25c	Sun Hinge Burner, .....	25c
Egg Tester, .....	25c	Thermometer, .....	.75c
Lamp Bowl, .....	25c	Thermometer Holder .....	.15c
Metal Chimney, .....	25c	Regulator, complete, .....	\$2.25
Acme Compound Wafer Thermostat, 60c			

We give to each purchaser of an incubator that well known book, "The Poultry Manual," profusely illustrated, by those well recognized high authorities on poultry matters, Franklane L. Sewell and Ida E. Tilson. The price of this book alone is 50c.

## POULTRY AND STOCK FOODS.

## WEST COAST STOCK FOOD.

1½-lb. package.....	\$ .35	6½-lb. package .....	\$1.00
3-lb. package.....	.50	25-lb. pail .....	3.00

## WEST COAST POULTRY TONIC.

1½-lb. package.....	\$ .25	6½-lb. package .....	\$1.00
3-lb. package.....	.50	25-lb. package .....	3.00

## WEST COAST CHICK FEED.

100-lb. sacks.....	\$3.35	25-lb. sacks.....	\$ .95
50-lb. sacks.....	1.75	12½-lb. sacks.....	.50

These prices for Chick Feed are f. o. b. Los Angeles, and subject to change with fluctuations of the grain market.

## WEST COAST EGG FOOD.

90-lb. sacks .....	\$2.25	50-lb. sacks .....	\$1.30
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These prices f. o. b. Los Angeles, and subject to change with fluctuations of the grain market.

## WEST COAST LICE KILLER AND KILLAMITE.

Killamite.....	25c and 50c packages	Lice Killer .....	2 quart can, 50c
Lice Killer .....	quart can, 30c	Lice Killer .....	gallon can, 90c
		Lice Killer.....	5 gallon can, \$4.00

West Coast Eggmore .....	Price, per pkg.	35c
West Coast Poultry Shell.....	Price, per pkg.	15c
West Coast B. B. B. Beef, Blood and Bone .....	Price, per pkg.	25c
West Coast Meat Meal .....	Price, per pkg.	25c
Clay Water Pots .....	Price, 25c, 35c, 45c	
Sulphur, Imported .....	Price, per lb. 10c; 10 lbs. 50c; 100 lbs.	\$3.50
Shell, Clam .....	Price, per 100 lbs.	\$1.00
Grit, Granite .....	Price, per 100 lbs.	\$1.00
Oil Cake .....	Price, per lb. 10c; 10 lbs. 60c; 100 lbs.	\$5.00
Linseed Meal .....	Price, per lb. 10c; 10 lbs. 75c; 100 lbs.	\$6.00
Whole Flax .....	Price, per lb. 10c; 10 lbs. 75c; 100 lbs.	\$6.00

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## OUR ONE DOLLAR COLLECTION OF MIXED FLOWER AND GARDEN SEEDS

**MAILED FREE TO ANY ADDRESS**

### FLOWERS

1	Packet	Sweet Alyssum.
2	"	Balsam.
3	"	Bachelor's Buttons.
4	"	Calliopsis.
5	"	Cosmos.
6	"	Morning Glory.
7	"	Mignonette.
8	"	Nasturtium.
9	"	Pink.
10	"	Mixed Sweet Peas.
11	"	Zinnia.
12	"	Mixed Poppy.

### VEGETABLES

1	Packet	Early Drumhead Cabbage.
2	"	French Forcing Carrot.
3	"	White Spine Cucumber.
4	"	Iceberg Lettuce.
5	"	Jenny Lind Muskmelon.
6	"	Augusta R. White Watermelon.
7	"	New Queen Onion.
8	"	Bell Pepper.
9	"	Round Scarlet Radish.
10	"	Perfection Tomato.
11	"	Early Bush Scallop Squash.
12	"	Purple Top Globe Turnip.

啓者弟向張多年屢蒙華裔  
光顧正鋪在於眠街北邊今特設  
畫棧斜華門牌號  
在寶榮昌側邊倘有貴客未知  
者特字佈告教語以為久遠至易  
大家利便揀選各國上等種樹  
營售貴客光顧請認馮梳招牌  
為記是所厚望也

羅荀轉慎  
枝利馮梳主人啓

PLEASE TAKE THIS OUT AND USE IN ORDERING. ADDRESS:

# THE JOHNSON & MUSSER SEED CO.

Date \_\_\_\_\_

**113 N. Main St., LOS ANGELES, CAL.**

Please forward the following as per terms of your Descriptive Catalogue to

**AMOUNT INCLOSED**

Name .....

P. O. Money Order, \$

Postoffice .....

**Check or Draft**

**Shipping Depot** \_\_\_\_\_

## Cash

County..... State.....

### Stamps

SEND THE ORDER BY

(State here whether to send by **Mail, Express or Freight**, and route to ship by, if any special route wanted.)

For Terms, Information as to Remittances, Express and Freight Rates, etc., See Other Side.

If you will kindly send us the names and addresses of any friends or neighbors likely to purchase Seeds, we will take pleasure in mailing them our Catalogue.

(OVER)

## **DIRECTIONS FOR ORDERING.**

**HOW TO ORDER.** Please be careful to sign your *Name, Postoffice, County and State* in every letter sent us. Cash or satisfactory reference must accompany the order. Money may be remitted by postoffice or express order, bank draft or check. We will accept postage stamps on orders not to exceed \$1.00.

**Postage Prepaid.** We prepay postage at prices quoted in this catalogue on all flower and vegetable seeds, except peas, beans, corn and sugar beets. When ordering these, send 10¢ per pound additional for postage.

**Premiums.** Do not forget that for every \$1.00 remitted for seeds in packets and ounces you can order 25¢ worth extra. Thus, for \$1.00 remitted, order \$1.25 worth; for \$2.00 remitted, order \$2.50 worth, and so on. *This applies to packets and ounces only.*

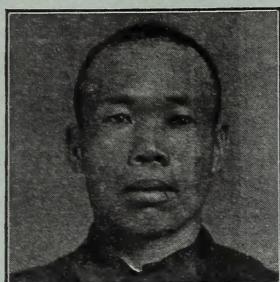
**Packet Seeds.** Our packet seeds, both vegetable and flower, are large and well filled, and should not be compared with the half-size, poorly-filled commission seeds which have no doubt been traveling for years from one end of the country to the other.

**Prices of Grass and Clover Seeds, Seed Oats, Seed Potatoes.** Quotations on these and other field seeds are constantly fluctuating. The prices given in this catalogue are those ruling at the time this is issued, viz., Jan. 1. We will take pleasure in quoting lowest prices and also in mailing samples. When writing for this information, always state the quantities you expect to require.

**GUARANTEE.** Complaints made that seeds are not good should quite as often be attributed to other causes as to the quality of the seeds. These are contingencies continually arising to prevent the very best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. For all these reasons it is impossible to guarantee seeds under all circumstances, and, *while we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these terms and conditions they must be returned at once and the money that has been paid for the same will be returned.* We test our seeds before sending out. We cannot afford to send out seeds doubtful as to vitality or purity, and you can get no better stocks of any seedsman, even though he *deceitfully professes to warrant seeds*, which frequently covers nothing but the amount paid for the seed. If you do not think so, inquire into the extent of the warranty and you will ascertain that your warrants are not crop protection. A guarantee from an **irresponsible** seedsman is of no value whatever.

# These Merchants All Buy their Seed From Us

林恩



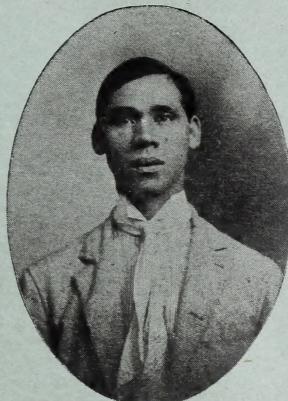
LEM YEN. Proprietor of four ranches and for 31 years head of the Lem. Yen Co. Produce and Com.

呂關



LOUIE GWAN. Proprietor of the Produce Com. Co. that bears his name, also owner of four large ranches.

胡閣



WOO GAWK. Manager National Farm Produce Co.

胡基



W. H. KEE. For eight years head of the Gon Kee Jan Co. Produce and Com. Merchants.

德合



LOUIE KEONG, Proprietor Canton Co., Produce and Com.

呂禮



ENG SANG. Proprietor Doc Hop Co. Produce and Com. House.



LOUIE LEIGH. Proprietor of the Chan Mon Co. Produce and Com.

林國祥

此商人等常在本公司  
購買種樹者



MR. GAUTIER  
THE PROPAGATOR  
OF THE POPULAR  
PINE-APPLE MUSKMELON

